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CHIEF MINING JUBBLE 13 E.

BATTAYAY AND COMMERCIAL SAMETER

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1048-Vol. XXV.

LONDON, SATURDAY, SEPTEMBER 22, 1855.

STAMPED .....SIXPENCE. UNSTAMPED ... FIVEPENCE

GRESHAM HOUSE, OLD BROAD STREET.
wing are the MEMBERS who have SUBSCRIBED to the RULES:— J. Y. WATSON, F.G.S.—CHAIRMAN (Firm of Watson and Cuell).
W. HAWDEN.
W. H. CUELL.
H. B. RYE. E. Gompers.
Jehu Hitchins.
G. Kieckhoefer,
Jas. Lane.
B. Lambert.
C. Martin.
Wm. Michell.
J. H. Murchison, F.G.S.
Adam Murray, F.G.S.
Adam Murray, F.G.S.
N. F. WATSON, Hon. Sec. Pergival Clay. W. C. Foulkes. By order of the Committee,

THE MINING EXCHANGE OF LONDON.

MR. JAMES CROFTS, MINING BROKER,
No. 1, FINCH LANE, CORNHILL, LONDON, TRANSACTS BUSINESS,
both in BUYING and SELLING, for immediate cash.
DIVIDEND MINES, well selected, are the best of any known investments—paying from 15 to 20 per cent. per annum in dividends. The choice of NON-DIVIDEND
MINES for speculation requires careful discrimination.

Mr. Caorre is a BUYER of the following:—Affred Consols, Devon Burra Burra,
Bestord United, South Tamar, Wh. Wrey, Wh. Franco, Okel Tor, Sortridge Consols,
Itylinige, North Basset, West Basset, Lamhercoe, Trewetha, West Wh. Carpenter,
Lady Bertha, Devon Wheal Buller, Cubert, East Russell.

Agy Bertina, Devon Wheni Bullet, Cuoert, East Russell.

R. JAMES LANE, No. 29, THREADNEEDLE STREET, is prepared to DEAL in the following SHARES:—
bevon Great Consols.
Wheal Kitty (Lelant).
Wheal Kitty (I.clant).
Coreat Great Hewas.
J. Lays Bertina.
Great Hewas.

R. JAMES B. BRENCHLEY has FOR SALE SHARES in the following MINES, paying dividends two and three-monthly; and upon some which the dividends are about to be declared. Mr. Brenchley begs to call the tention of those seeking investments to the large interest derivable from this class feecurity, as well as to the absence of liability:

1 Sulfred Consols.

5 North Basset.

1 West Damsel.

1 West Damsel.

1 West and Sou. Caradon.

1 Condurrow.

1 South Frances.

1 West Seton.

1 West Seton.

2 Trelawny. 1 West Damsel. 1 West and Sou. Caradon 1 West Seton. 10 Wheal Wrey. 1 Builer.
1 Cöndurrow.
1 South Frances.
1 West Stoon.
1 Bast Pool.
1 Bast Pool.
1 South Basset.
10 Wheal Wrey.
10 South Tamar.
Also, in the foliowing NON-DIVIDEND but PROGRESSIVE MINES, situated in the most wealthy mineral districts:
5 Ciljah and Wentworth.
5 Comford.
10 North Unity.
10 West Prances.
10 West Par.
10 West Par.
10 South Buller.
10 West Par.
10 West Par

MR. PETER WATSON begs to inform his friends and gentlemen connected with English and foreign mines, that he has returned from Cambone, Conwall, where he has been residing for the past 12 months, and has now GOMENGED BUSINESS of SHAREDEALER, and GENERAL COMMISSION AGENT, at 37, OLD BROAD STREET, LONDON.

The past eleven years' experience which he has had in every department of mining, and an extensive connection with mine agents and others in Cornwall and Devon, each him to judge of, and select mines of intrinsic value.

Eap present period offers great advantages for investment in carefully selected mines, where a certainty of success and profit to the embarkment of capital may be relied on. H. Freza Warson will at all times be glad to afford every information; and purchase and sell shares on the usual commission, to which the most careful attention will be paid. "37, Old Broad-street, London, Sept. 21, 1855.

IVIDEND MINES, well selected, will pay from 25 to 30 per per annum on present prices (paying dividends every two and three months to the per annum on present prices (paying dividend state, require sareful discriming. This stock frequently advances in value £400 to £500 per cent, and upward sties must state the amount they are desirous of investing, and to be applied the must state the amount they are desirous of investing, and to be applied to the same of th DIVIDEND MINES, well selected, will pay from 25 to 30 per cent te the amount they a vidend mines. reet, Sept. 21, 1855.

MR. HY. GOULD SHARP, MINING, SHAREBROKER, is instructed to SELL the following SHARES:—

Sureat Sortridge, 12s. 50 West Par Con., 14s. 6d. 100 Rast Sortridge, 6s. 40 West Collacombe.

50 East Collacombe. 50 East Collacombe. 50 Liberty, 4s. 30 Liberty, 4s. Business transsorted in every description of British and Foreign Mines.

68.6, 4, Cushion-court, Old Broad-street, London.

JAMES F. BODDY, 15, OLD BROAD STREET, and MINING EXCHANGE, LONDON, TRANSACTS BUSIN'SSS in the undermentioned, or any other Mines quoted in the general List of the Mining Journal; and will be happy beward any information upon application, likewise a correct list of the prices alread Camosis East Black Craig Nor. Hingston Cons. Tremollett Downs Par Consols West Basect Wheal Archar Politore United Mines Great Crinnis Great Poliporth Phonix Wheal Arthur Wheal Friendship Gawton United Gawton United Gawton United Cawley Gawton Consols Ookely Wheal Golden Gawton Great Sheba Consols Ook (Limerick) Wheal Jane Great Sheba Consols Ook (Limerick) Wheal Mary Ann West Alfred Wyspean Great Rough Tor Quintrell Downs West Alfred Quintrell Downs Rix Hill Wrysgan
West Aifred
West Crinnis
West Polberro
West Wheal Francis
Wheal Aifred
Wheal Lemon Ranger Cons.

Harmock
Konnegy

Round Hill
Konnegy

Round Hill
Konnegy

Round Hill
South Caradon
Menly
Mosary
Mosar

EORGE MOORE will BUY or SELL, at the closest prices, in any CEORGE MOOKE WIll BUT OF SEALE, BUT THE CLOSEST PINCES, IN ANY DEPARTMENT OF THE PARTMENT OF T

purchasing British Mining Stock, either for a permanent investment, or for an avanee in price.

Grouge Moone begs to call the attention of his friends to Wheal Grenville, at present prices. This mine is situate in the best mining district in the world. It possesses machinery fully adequate for its development, and profitable results will, in all probability, be very shortly realised. The shares are held by an influential and responsible proprietary.

Grouge Moone would further advise any of his friends who may be about purchasing in any of the Ephemeral Stocks of the day at enormous premiums, to carefully consider the relative prospects and position of the mines.

Business transacted in every description of British and Foreign Mines; and the closest prices forwarded on application.

Grouge Moone, Dealer in Mining Shares, 1, Crown-court, Threadneedle-street.

MR. JOSEPH JAMES REYNOLDS, STOCK AND SHARE-BROKER, No. 21, THREADNEEDLE STREET, LONDON.

BUSINESS TRANSACTED in every description of BRITISH and FOREIGN STOCKS, FUNDS, and SECURITIES; also, BRITISH and FOREIGN MINES.

MESSRS. POWELL AND COOKE, DEALERS IN MINING SHARES, No. 8, HERCULES CHAMBERS, OLD BROAD STREET, LONDON.—The above continue to DEAL in the SHARES of all the leading DIVIDEND and good PROGRESSIVE MINES.—Sept. 21, 1855.

MESSRS, T. SPARGO AND CO., MINING AGENTS AND SHAREBROKERS, 70, CORNHILL, LONDON.

Gratultous advice will be afforded to any gentleman requiring information respecting mining investments, upon application personally or by letter.

REMOVAL.—Mr. HENRY SIBLEY, STOCK, SHARE, AND MINING AGENT, has REMOVED from No. 3, Old Broad-street, to No. 4, BRICHIN LANE, CORNHILL.

R. W. LEMON OLIVER, STOCK AND SHAREBROKER, 4, AUSTINFRIARS, OLD BROAD STREET, CITY. (Sworn Broker.)

MESSRS. WATSON AND ENSOR, MINING AGENTS, DEALERS in MINING, RAILWAY, and other SHARES, have REMOVED from 64, Old Broad-street, to 2, ARTILLERY PLACE, FINSBURY SQUARE. Messrs. Warson and Erson have FOR SALE, at very low prices, sHARES in a few DIVIDEND, and other MINES approaching a dividend state, which they can strongly recommend. Prices and general information afforded on application. Messrs. Warsos and Exson undertake the inspection of mines, through eminently qualified local agents, and on moderate terms.

THOMAS EDINGTON, PURCHASER AND INSPECTOR OF CASTINGS ON COMMISSION, 17, GORDON STREET, GLASGOW.

R. JAMES TAYLOR, METAL BROKER MIDDLESBRO'-ON-TEES.

RONSTONE ROYALTY.—TO BE LET, on advantageous terms
TWO valuable IRONSTONE ROYALTIES in Danby Dale, Cleveland, imme
diately adjoining the North Yorkshire and Cleveland Railway, now in course of for
mation, and which will bring the locality within twenty miles of the ports of Mid
diesbro' and Stockton, and the North-Eastern Railway Company's line at Picton
Limestone suitable for smelting is found in the district.—For further particulars
apply to Mr. James Taylos, metal broker, Middlesbro'-on-Tees.

MR. EVAN HOPKINS, CONSULTING MINING ENGINEER 38, THURLOE SQUARE, BROMPTON. /

MR. ADAM MURRAY, CONSULTING MINING ENGINEER 76, CORNHILL, LONDON. 26

CAPT. THOMAS DUNN, of TAVISTOCK, undertakes to INSPECT, REPORT, and SURVEY any MINES or MINERAL PROPERTY in ENGLAND, IRELAND, SCOTLAND, or WALES. No objection to take the management of any mine or mines in the neighbourhood of Tavistock.

MR. LELEAN, 4, CUSHION COURT, OLD BROAD STREET,
LONDON.-BUSINESS TRANSACTED in every description of BRITISH
STOCKS, FUNDS, and SECURITIES; also, BRITISH and OREIGN MINES.

R. LELEAN has the following MINE SHARES FOR SALE, or any portion of them, at the undermentioned prices:

100 Great Wh. Yor, 16s. 6d.
20 Marke Valley, £5½.
240 Great Hewas, 2s. 6d.
20 Spearne Consols, 55s.
30 Wheal Charlotte, £10.
20 Great Wh. Fort., £9½.
20 Wheal Charlotte, £10.
20 Great Wh. Fort., £9½.
20 Wheal Wh. Fort., £9½.
20 Wheal Wroy, £9½.
30 Spearne Consols, 1s.
20 Great Wh. Fort., £9½.
20 Wheal Wroy, £9½.
30 Sortr. and Bedf., 4s. 6d.
30 Wart Sortridge Cons., £1½.
30 Sortr. and Bedf., 4s. 6d.
40 House College Co

G EORGE SPRATLEY is a BUYER of the following SHARES:

GEORGE SPRATLEY is a BUYER of the following SHARES:—

500 Rorrington.

500 Rorrington.

500 Carnyorth.

500 Tassan.

20 Wheel Wrey.

20 Theroft.

Parties desirous of selling any of the above for immediate each, must please state lowest price and number for sale.

GEORGE SPRATLEY (sels confident that the mines he recommends will advance considerably upon present prices; and will be happy to forward his List to any desirous of investing. Those who have already purchased in Sortridge Consols, Boscean, and Carnyorth, are informed that although these shares are in great demand, and prices have advanced, still holders should look for much higher prices, and which they will obtain in a few months.—2, Winchester-buildings, London.

R. WM. MICHELL has received instructions to PURCHASE in the following MINES, vis.:—

10 Alfred Consols. 1 South Caradon. 2 East Tolgus.

2 Devon Great Consols. 1 United Mines. 2 North Robert. 2 Tolgus.

1 East Pool. 5 West Caradon. 100 Vale of Towy.

5 Gonamena. 5 Wheal Mary Ann. 40 Wheal Hender.

2 West Wheal Seton. 2 Devon Great Consols. 1 East Pool. 5 Gonamena. 50 Mensip Hills. 20 Bedferd United.
10 Herodsfoot.
2 Rosewarne United.
2, Crown-court, Threadne 2 South Tolgus. 10 Hala 1 Wheal Clifford. 20 Who 10 Wheal Wrey. 10 dle-street, London, Sept. 21, 1855.

MR. WM. SIMS, MINING SHAREBROKER AND GENERAL MINING AGENT, REDRUTH, CORNWALL, begs to inform his friends and the mining public that he has OPENED OPPICES in REDRUTH for the purpose of TRANSACTING BUSINESS as a MINE BROKER and GKNERAL COMMISSION AGENT; and hopes by strict attention and moderate charges to merit a portion of their patronage. Mines inspected, and every information furnished.

Drawings and estimates for all kinds of steam-engines, mining machinery, &c., furnished on the most moderate terms. Copper, lead, and silver ores assayed with accuracy and dispatch.—Redruth, Sept. 21, 1855.

MR. JAMES H. COCK, MINE SHAREBROKER, GENERAL COMMISSION AGENT, and ACCOUNTANT, REDRUTH, will be happy to receive ORDERS from his friends and the public for the PURCHASE and SALE OF SHARES (ON COMMISSION ONLY) in any of the MINES in the district; also, to EXECUTE COMMISSIONS for the SALE of MINING and OTHER MATERIALS. J. H. Cock hopes by paying strict attention to business, moderate charges, and the prompt settlement of accounts, to merit a continuance of the public favours.

OTICE TO INVENTORS AND PATENTEES.—The OFFICES
for PROCURING PATENTS are REMOVED to No. 32, ESSEX STREET,
STRAND, LONDON, where all information (British and foreign) may be obtained
gratia.—Avert, Ballorok, Garnissal, and Go., patent agents and negociators.

D

HOLDERS OF RAILWAY OR MINING SHARES AND
DEBENTURES can be ACCOMMODATED with LOANS, in small or large
sums, up to £30,000, for long or short periods, at 4 per cent, per annum,—Apply to
BAKER and Co., 3, Union-court, Old Broad-street.
2.9

MR. T. P. THOMAS, MINING AUCTIONEER AND MINING AGENT, 75, OLD BROAD STREET, LONDON.

(Established 13 Years.)

Dividend and established Mines bought and sold privately at the closest prices.

Mr. Thomas is a BUYER of 4 West Providence, 2 South Wheal Frances, 1 Wheal Buller, 2 West Seton, 36 Gilmar, 100 East Frongoch, 50 Exmouth and Adams, 2 Darren, and 2 Wheal Clifford Shares.

And is a SELLER of 2 Rosewarne, 4 Copper Hill, 2 Wheal Basset, 1 United Mines, 1 Wheal Lovel, 5 Great Wheal Fortune, 1 Condurrow, and 500 Tassan Lead Shares.

Wheal Lovel, 5 Great Wheal Fortune, I Condurrow, and 500 Tassan Lead Shares.
VALUABLE MINING PROPERTY IN THE COUNTY OF CORK, KNOWN AS THE CROOKHAVEN MINE,
WITH THE NEW MACHINERY, MATERIALS, SETTS, &c.

R. C. WARTON is directed by the Committee of Management to SELL, BY AUCTION, at the Mart, London, on Wednesday, 17th October, at Twelveo'clock, in One Lot, the valuable SETTS, MACHINERY, and MATERIALS of the CROOKHAVEN MINE, in a favoured mining district, ten miles from Skall, County Cork, comprising a 26 in. cylinder PUMPING and CRUSHING ENGINE; crushers, with fly-wheel; new shears and capstain; air machines; elstern; plant, &c., of which an inventory will be produced.

May be viewed upon application to Mr. Monk, purser, on the mine, of whom particulars may be obtained. Farticulars also at the Imperial Hotel, Cork; Macken's Hotel, Dublin; the Golden Lion, Liverpool; of Messis, Garoson and Son, solicitors, S, Angel-court, Bank; of Mr. Oulivirs, secretary, at the Crookhaven Mining Offices, I, Cushion-court, Old Broad-street (removed from Threadneedle-street).

VALUABLE DIVIDEND MINING AND OFTHER SHARES FOR SALE, BY

VALUABLE DIVIDEND MINING AND OTHER SHARES FOR SALE, BY PUBLIC AUCTION, AT GARRAWAY'S, ON THURSDAY, 2771 SEPTEMBER.

JOHN R. PIKE, in compliance with the urgent request of his friends, and experience as a mining agent, long resident in the best mining district in Cornwall, will ensure that support which he has hitherto gratefully received.

John R. Pikk, agreeably with the Rules of the Mining Exchange, of which he has the honour to be a member, will restrict his auctions solely to shares that he has absolutely for sale. During the interval, John R. Pikk will be happy to negociate shares at the closest market prices; every information will be afforded by him.

ONE THOUSAND FOUR HUNDRED AND FIFTEEN SHARES in the ULPHA UNITED MINES, and TWO HUNDRED AND FIFTY-SIX SHARES in EAST ALFRED MINE, TO BE SOLD, without reserve, at Garraway's, on Thursday, the 27th September, at One o'clock precisely.

1415 Ulpha United.
50 Carnewas.
5 Carvannall.
15 Bell and Lanarth,
160 Leeds Town.
160 Heeds Town.
17 Wheal Wrey.
18 Great Vor.
19 Lelant Consols.
1 Wheal Kitty (Lelant).
18 Great Fortune.
19 East Basset,
19 Great Alfred.
10 North Busy.
10 East Buller.

TR. R. TREDINNICK, BROKER and DEALER in BRITISH
MINES, SHARES, and STOCKS IN GENERAL, PUBLISHES'S WEEKLY
CURRENT LIST OF PRICES of a judicious selection of DIVIDEND, PROGRESSIVE, and bona fide SPECULATIVE COMPANIES, with other statistical and valaable information, including his Synopsis of British Mining for the past Nine Years.
Subscribers, £2 2s. annually, including postage; or 1s. per List.
Brokerage Offices.—4, Austinfriars, London.
Sept. 14, 1855.

Sept. 14, 1855.

Publishing Offices.—19, Great St. Heien's, London.

MR. E. GOMPERS, No. 98, GRACECHURCH STREET, has BUSINESS TO TRANSACT in most of the leading DIVIDEND and PROGRESSIVE MINES. Also, in Life, Fire, Maritime Insurance, Steam Navigation, various Gas Companies, and various Joint-Stock Companies' Shares, returning requirements. various Gas C lar dividends.

DIVIDEND MINING SHARES.—This STOCK, wisely selected, undoubtedly pays the LARGEST KNOWN DIVIDENDS, and oftentimes increases in value 500 per cent. The advertiser has two lists—one of Dividend, and the other of Progressive Mines. The dividend mines will pay from 10 per cent. upwards; and the progressive mines chosen are those where large sums have been expended, and the last effort is being made to make them remunerative.—Apply to Chas. D. Butt, mining agent, 15, Union-court, Old Broad-street.

MR. NEWTON SAMUELSON, F.C.S., ASSAYER AND ANA-LYTICAL CHEMIST,—3, HACKIN'S HEY, LIVERPOOL. 27 MR. FRANCIS RIDGMAN, MINE SHAREBROKER, TAVISTOCK, DEVON. 30

MR. T. TYACK, MINE SHAREBROKER, AUCTIONEER, &c., CAMBORNE, CORNWALL.

MR. RICHARD MICHELL'S MINING, AUCTION, AND GENERAL COMMISSION AGENCY OFFICES,
Mines inspected, and information punctually furnished.

M. R. W. H. BRUMBY, STOCK AND SHAREBROKER,
1, BRIDGE STREET, BATH, is a BUYER of Bosecan, Wheal Zion, Great
Alfred, Alfred Consols, Wheal Wrey, West Polberro, Clijah and Wentworth, and
Sortridge Consols.

Sortridge Consols.

INING INVESTMENT, &c.—The large amount of capital invested, and the great want of facility for conducting the sale and purchase of stock, has induced us to OFFER OUR SERVICES to capitalists and others, being in daily communication with practical mean in all parts of the country, who have the means of obtaining the most correct information upon the principal mines in Devon, Cornwall, and Wales. There can be no doubt that mining securities afford to the capitalist a safe and profitable source of investment, many of which, by a careful selection, will ensure a return of from 15 to 30 per cent. for many years to come; there of a progressive character hold a promise of increased value, and of becoming a lasting and dividend property.

Messrs, PULLER and CO., 51, THREADNEEDLE STREET, LONDON, respectfully TENDER THEIR SERVICES in TRANSACTING any BUSINESS, or obtaining any information, connected with MINING, BANKING, or RAILWAY SEGURITIES; and any orders confided to their care will receive the best attention.

Office Hours from Ten till Five.

MESSRS. G. RICHARDSON AND CO. have instructions to negoclate the PURCHASE of 10,000 tons of RAILS, and a large quantity of ENGINE, CARRIAGE, and WAGON TYRES. Particulars may be liad on application.—Craig-acourt, Charing-cross, London.

FLETCHER AND CO., RAILWAY, MINING, INSURANCE, AND GENERAL SHAREBROKERS, 163, WOODHOUSE LANE, LEEDS.
Gold Mining Shares wanted.

A SBESTOS OR AMIANTHUS.—PURCHASERS of this mineral substance can have SAMPLES FORWARDED on application to J. J. Gummor, St. Austell, Cornwall.—Sept. 20, 1855.

COBALT AND NICKEL.—HENRY MERRY, REFINER AND PURCHASER OF COBALT AND NICKEL ORES, and ASSAYER INGENERAL.—Address, LEE CRESCENT, BIRMINGHAM.

VICKEL AND COBALT REFINING, AND GERMAN SILVER WORKS, MILL STREET, BROAD STREET, BIRMINGHAM.—STEPHEN BARKER begs to inform the Trade that he has the following articles for sale:—REFINED METALLIC NICKEL. OXIDE OF COBALT. (WIRE, &c. REFINED METALLIC BISMUTH. | GERMAN SILVER—IN INGOTS, SHEET, NICKEL AND COBALT ORES PURCHASED.

THE MIDLAND IRON COMPANY, ROTHERHAM, YORK-SHIRE, MANUFACTURERS OF RAILWAY TYRES AND AXLES FOR LOCOMOTIVE ENGINES, CARRIAGE AND WAGON WHEELS. From the tests to which this iron has been submitted by engineers and railway companies during several years, its superior quality has been generally acknowledged, and can be unhesitatingly affirmed.

BRITISH MINES AS AN INVESTMENT.

Ey J. H. Muschison, Esq., F.G.S., F.S.S., &c.

Copies may be obtained at Mr. Murchison's offices, 117, Bishopsgate-treet Vithin.

In crown 8ve, beards, pp. 237; price 3s. 6d., by post 4s:—Third Edition.

This work contains full particulars of the principal dividend and progressive mines in England and Wales, with a list of the smual dividends paid by each mine in the last mine years. An abstract of the "Opinions of the Press" will be found in another column of this day's Journal.

T IMITED LIABILITY ACT.-CENTRAL LONDON OFFICES. —PROMOTERS OF COMPANIES under this Act, or others REQUIRING CENTRAL OFFICES in LONDON, or an experienced RESPONSIBLE AGENT there, to actively attend to their interests, are invited to communicate with Mr. JOHN SEWELL, Assoc. Inst. C. E., (Author of various Scientific and Other Papers), 18, LOMBAED STREET, LONDON,

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Gentlemen,—I observed in your Journal of the 5th inst, a statement of the proceedings of the Duston Iron Ore Company, at an extraordisary general meeting of the instead of the Duston Iron Ore Company, at an extraordisary general meeting of the investigate and report on the state and prospects of the company's works at Duston, and read by the Chairman (Air. Bisgood) to the meeting.

In that report I notice certain allegations, or charges, seriously affecting my character as managing director, which if uncontradicted would materially affect my prospects in life; and as I am altogether quite unconscious of deserving the calumnies so unsparingly heaped upon me. Feannot allow them to pass annoticed, especially as I was refused admittance to the meeting by the Chairman, when I ought at least in Justice to have been allowed to be present, so as to give me an opportunity of hearing and rebutting the charges, if I could, and of setting myself right with the shareholders, I have, therefore resolved, through the medium of the press, to offersome explanation to the public and the shareholders, and the public and the shareholders, if have, therefore resolved, through the medium of the press, to offersome explanation to the public and the shareholders generally in defence of my character, by laying before them a truthful statement of all the facts, satisfied I shall obtain at their hands justice, and an impartial hearing, which has been so crueily denied me by the board and their partizans.

I shall now notice the charges in the order in which they severally appear.

It is first asserted by the committee that "they found great and inexcusable mismangement had for a long period taken place, and that they decided that the works should be stopped, excepting a few trifling things which the managing director stated would not cost more than 5i."

As to mismanagement, I deny they can prove any such charge against me; and if they could, the directors must sheet the heave and the committee that in the cost more than 5i."

management had for a long period taken place, and that they decided that the works should be stopped, excepting a few trifling things which the managing director stated would not cost more than 51."

As to mismanagement, I deny they can prove any such charge against me; and if they conid, the directors must share the blame, for they were informed each board-day while I was residing in London, and by my monthly reports in May and June last, all that was going on, and all was approved of up to the 4th July last, when I made known to them my circumstances, which rendered me unable to meet my each of 2s. 6d. per share then due, occasioned by a quick succession of reverses in our trade, which it was impossible to avoid; and from that time there has been an evident determination to crush me, —there being no allowance made for the fact that I have paid towards the company's funds 1350l. on my shares, being a sum nearly four times larger than any other shareholder has paid.

With regard to the assertion "that a few trifling matters could be done for 5t.," I positively deny ever having been consulted thereon, or making such a statement.

As to "the kilns having been most extravagantly, expensively, and improperly built, and not fit for the purpose for which they were intended, and their having been built under my superintendence," in answer, I beg to state that when the bed of state and the superintendence, in answer, I beg to state that when the bed of state that when the bed of the superintendence, in answer, I beg to state that when the bed of the same time mentioning Mr. Clayton, who, with Mr. Beevor, one of the directors, visited the works on the 10th August, 18st; and the report being favourable, it was decided that plans and specifications for working it by steam power, on Mr. Clayton's principle, should be forwarded. These were placed before the directors on the 5th and adopted on the 7th September, 1854, in a coordance with the entry now standing in the company's minute book; and the said plans were placed on h

strictly calculated for what they were intended—manney, the attempt of times of the most economical principle for the consumption of fuel, which I am prepared to prove, from practical experience, is the case, notwithstanding the bold assertion made by Mr. Haley, that he could burn with loss fuel in the ordinary kiln, or even in clamp.

The next accusation is, "the shed not having been finished, and the rain having come in at various parts, particularly from the roof, which had caused, and find previously caused, great and sorious damage to immense quantities of bricks unburnt, and which rendered such unburnt bricks useless, and entirely lost to the company." I beg to state there was no other place besides the roof at which the rain could come in, the sides being built of brick, with boarded openings at intervals; and as for the loss sustained throughout, I am prepared to prove it has not exceeded, at the utmost, more than from 51, to 101. I beg further to state, that at the time the roof was ready to be covered there was no quantity of tiles to be had at or near Northampton, or otherwise I should not have temporarily covered it with boards, which have been made available aubsequently, as they became at liberty, for the covering of the bricks in the open air; and had I bought tiles instead of making, the difference to the company would have been from 554. to 604. I, therefore, preferred making them, and hazarding the loss that might possibly be sustained from the weather.

I now proceed to the next clause, and find "We are also informed, on good authority, that many parts of the various buildings have been creeted, alled down, and re-creeted, at a very great cost, under the direction of Mr. Lucas, who, we are also informed, persisted in his course, although frequently warned by others, and particularly by Mr. Nicholls, that he was pursuing an entirely wrong course, to all of which he had paid no attention."

Now, I solemnly declare that he was pursuing an entirely wrong course, to all of which he had paid no att

the company; that Mr. Nicholis was a builder by trade, and had been so, more or less, all his life."

In reply, I can only class this with the last-mentioned charge, as to the magnitude of its falsehood. The facts are simply these. During one of my visits to the works, I decided on the site for the foundation; and until my next visit, in about a week or ten days, when the chimney was erected to about 3 fr. high, I knew nothing as to the depth of its foundation (although it was discussed at the time of the site being decided on); but on enquiry as to the depth gone to, I was answered in the following words by Nicholls—"We were obliged to go much deeper than we talked about, as I found it would not be safe," upon which I expressed myself satisfied;—thus you will perceive the foundation was laid when I was in London, and could not by any possible means have given the instructions with which I am charged. But I may here state, that the depth of the foundation had nothing to do with the chimney getting out of its perpendicular; the sole cause was Nicholis having put up a leaden guiter between the machine-house and shed, and within a few feet of the chimney, without putting a waste-pipe to carry off the water, which, from the heavy rain on Sunday, the 13th May last, got under its foundation. The effect of this gross neglect of Nicholis (with whom I was greatly annoyed), was seen in a few days. The chimney, however, was not "reconstructed," as the Chairman has reported, but was merely underpinned, at a cost of about 50s. As to Nicholis palming himself off as a builder was never heard of previously, I believe; and the nearest approach thereto is, as I am informed, he was engaged in early life as stonemason in the erection of some church or churches; but he is only known in this neighbourhood as a conceited amall publican, having, until quite recently, kept the Cross Keys public-house, Sheepstreet, Northampton.

street, Northampton.

We now come to Clayton's machinery, concerning which the report states "it was contracted for by Mr. Lucas, and we were informed it could not be worked with utility, that it had been repaired on several occasions, to such an extent that, in point of fact, it ought to be called by some other name than that of Clayton's machine, as not much, if any, of that machine by that time was left, and that the fact is it was worthless."

not much, if any, of that machine by that time was left, and that the fact is it was worthless."

This appears more a subject for Mr. Clayton to answer than myself. However, as I am charged with contracting for it, I refer the reader to my answer above relative to the kilns, where will clearly be proved it was contracted for by the directors, on Sept. 7, 1854, and now stands to that effect on the company's minute-book. That the machinery did not answer my expectations up to the 4th July last, I admit, and which I reported to the board on May 28 and June 28 last; but subsequently I saw reason to attribute the failure more to the way in which the clay had been raised than to any material defect in the machinery. It may be asked whose duty it was to look after the raising of the clay? I answer, it was Nicholls's duty (being myself then a resident in town); and I assert it without fear of contradiction, that had he attended to repeated urgent requests from me, the brick contractor, and others, to keep stones and rubbish from amongst it, the result would have been far different. As to the machinery being so much repaired that it can scarcely be called Clayton's machine, it is simply absurd. I acknowledge that at the onset a serious fracture took place in the giving way of one of the knives in the pugging mill, damaging it, as I then considered, to the extent of 154, but which was subsequently repaired by Mr. Clayton, free-of obarge. The main shaft of said mill has once since been strained, and three or four small plates have been put on the tile machine, which was broken, I believe, a

the giving way of one of the knives in the pugging mill, damaging it, as I then considered, to the extent of 15t., but which was subsequently repaired by Mr. Clayton, free-of charge. The main shaft of said mill has once since been strained, and three or four small plates have been put on the tile machine, which was broken, I believe, through the want of proper attention to the cleaning of the screen. These, with a little alteration in the mode of cutting the bricks, constitute, I believe, nearly, if not all, the transformation the machinery has undergone. So much for the charge of "it being so altered as to be no longer properly called Clayton's machine." With respect to its worthlessness, I will undertake at any time to make bricks and tiles at a coost that cannot be made by hand, leaving the company a profit of 12½ per cent, after paying the rogality of 2s. per 1000, and be enabled to sell them as low as 20s. per 1000, and if any bricks or tiles are not marketable, I will take them all on my own responsibility. And as to the assertion made about their paying 30 per cent. if made by hand, and selling them at 20s. (which competition will compet them to do), it is so absurd that it is not worth noticing, further than it shows most fully the committee's unter ignorance of the subject in question.

I now come to the ore, where I find myself charged with "scading away that of an inferior quality not worth removing, while the ore sent away by the committee was from a iotally distinct mine, and of superior quality, a portion of which was exhibited in the room for inspection." Now, if we refer to the letter of Mr. T. C. Hinde, hearing date the 3d inst., in the committee's report we find this observation:—"The time has not been sufficient to allow us to use any but the stone already calcined." It so happened that this said calcined stone, which is reported as having made such good bigi-roon, was taken from the very raw stone now condemned, and is the very stone the Chairman, directors, and sharcholders saw in bulk, and

DUSTON IRON ORE COMPANY, AND ITS MANAGEMENT.

TO THE EDITOR OF THE MINING JOURNAL, AND THE SHAREHOLDERS
OF THE DUSTON HOW OHR COMPANY.

GENTLEMEN,—I observed in your Journal, of the Sth inst. a statement of the proceedings of the Duston Iron Ore Company, at an extraordinary general meeting of larly calcined."

Hinde's letter of the 3d inst. that they are carabled to use one third calcined one without complaint, and it is not the proceedings of the Duston Iron Ore Company, at an extraordinary general meeting of larly calcined."

Hinde's letter of the 3d inst. that they are carabled to use one third

calcined, and that it was well done; and I am supported in this obervation by the very fact that the said firm have used some of this calcined ore without complaint, which is not likely they would have done had they considered it "badly and irregularly calcined."

I notice in Mr. Hinde's letter of the 3d inst., that they are easiled to use one-third of the ironstone without detriment to the working of the furnace. Surely this must be an error. Surely the committee cannot have thus acted. Surely they cannot have entered into a contract to give away and pay the carriage nearly 100 miles of 400 tons of the company's ore, to smelt them with ores of a more refractory character, when it is so well known this is the very eyil to be guarded against, and that such a mixture never can or will answer. Surely they are not wasting the company's funds to accomplish this, or to obtain that information which any ironasster in Derbyshire, Stafforded them on application. Surely they are not doing this, in opposition to the terms of the lease, which binds them to pay 94, per ton on all ores imported on their own works the process now adopted by Mesirs. Hinde and Co. Surely fits cannot be the case, particularly after I have so repeatedly told them the only method of working the Northamptonshire ore is by itself, in suitably constructed furnaces, and that happily no other ore need be mixed with it, which is the conviction not only of myself, but of all practical men conversant with these ores.

If, however, I am mistaken, if the committee have perpetrated these abominations, I deeply regret the shareholders have so misplaced their confidence, as they will ultimately find to their own cost, as it was stated at the outset, before sending the ore into Shropshire, that not more than 501, or 607, expense would be incurred, which on the 7th August augmented to 1001, and I am now prepared to prove has already cost the company more than 2501, since the 4th of July, independent of more than a similar amount indirectly, and other losses and

## THOMAS LUCAS. THE TRENALT TO NTIN £10,000, in 200 subscriptions of £50 each, On Lives of not less than Seventy Years of Age, on the 1st January, 1855, The return of each subscription secured on the death of the nominee. \*\*TRUSTRES\*\* \*\*SIDNEY BEISLY, Eaq., 17, Hyde-park.gate South, Kensington Gore. \*\*ETHERES\*\* \*\*SIDNEY BEISLY, Eaq., 17, Lower Thames-street. \*\*SIDNEY BEISLY, Eaq., 17, Lower Thames-street. \*\*SAUNDERS, Esq., 17, Lower Thames-street. \*\*SOLITTOSA-MESST. Beisly and Pattison, 1, Lincoln's Inn. Helds. LOCAL AGENTS—MESST., Beisly and Pattison, 1, Lincoln's Inn. SECRETARY—Perry F. Nursey, Esq. OFFICES.—17, BARGE YARD CHAMBERS, BUCKLERSBURY. TONTINE

OFFICES,—17, BARGE YARD CHAMBERS, BUCKLERSBURY.
(Late the offices of the Devon Great Consols.)

ABSTRACT OF PROSPECTUS.

A Tontine is comprised of small investments for life annuities, with immense benefitor of survivorship; and the Trenalt Tontine possesses the unique and important feature of providing for the return of the amount of each subscription on the lapse of the life of the nominee.

The estato of this tontine is situate in the parish of Trewen, in the county of Cornwall, and consists of 160 acres of freehold land, embracing the entire village or hamlet of Trenalt.

wall, and consists of 160 acres of freehold land, embracing the entire village or hamlet of Trenalt.

It is proposed to raise the capital in 200 nominations of £50 each, and that the estate shall be held for the benefit of the subscribers as personal estate. Half-shares of £25 each will, however, be received where the two parties subscribing £25 each mutually agree on one life.

On payment of each subscription, a policy of insurance on the life of the nominee will be given to the subscriber.

Each subscription of £50 each, or two of £25 each, must be held upon one life of either sex, of not less than 70 years of age, to be nominated by the subscriber; and upon the fall of any life, the share in the ultimate stake depending thereon will merge for the benefit of the owners of the continuing shares. As soon as the lives shall be reduced to one, the entire estate, and all its benefits, will pass into the possession of the nominor of this life, and become his fee-aimple; but as the property is capable of being divided into three compact farms, with residence on each, it may be desirable to divide the tontine when the survivors are reduced to three.

From the data given in the detailed prospectus, it is evident that the revenue from the property will become very considerable; and it is therefore proposed, from the proceeds thereof, that interest, at the rate of 5 per cent, per annum, shall be paid half-yearly on each subscription, during the life of the nominee; and that, after providing for the continuing policies, and as the income accumulates, bonuses shall be appropriated from time to time to the continuing survivors. In this way, a subscriber of £50 may receive back his money in a short time, and yet continue to receive his interest on the £50, to hold a policy of insurance for £50, as well as to have his chance of the entire extate.

the restriction the same, to have a property of the entire estate.

In case the number of nominations is not subscribed, the money will be returned. Applications for shares to be made to the secretary, solicitors of the company, or seal agents, from whom plans of the estate, with prospectuses, may be obtained.

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PROSPECTUS OF GREAT WHEAL BUSY UNITED MINES,

OFFICES,—47, OLD BROAD STREET, LONDON.

PROSPECTUS OF GREAT WHEAL BUSY UNITED MINES,
Embracing Wheal Busy, Wheal Daniel, South Hallenbeagle, Old Hallenbeagle, North
or New Hallenbeagle Mines, and an area of ground one and a laif mile long by
one mile wide, situated in Kenwyn, Cornwall (dues, 1-24th; term 21 years), and
abutting on Wheal Unity, Poldice, the Great Consols, and the United Mines on
the north, and Treskerby and North Downs on the west.

These mines contain upwards of 20 copper and tin lodes, and have paid immense
profits to the adventurers. There is an adit brought into the sett from 40 to 50 fms,
deep from surface, and there are engine and other shafts sunk to a depth in Wisel
Busy of 100 fms, below the adit, at Old and New Hallenbeagle to the 50 and 70 fm,
in the 10, 20, 30, 40, 50, and 60 fm, levels in the Hallenbeagle Mines, and in Wheal
Busy the levels are extended to the 100 fm, level below the adit. These mines posseased rich copper and tin lodes when the operations ceased, for particulars of which
see the reports of the several mine agents.

Gentlemen conversant with mining matters will see that these mines, comparatively speaking, are in their infancy. Some thousands of pounds sterling have been
expended in introductory works, in bringing in the adits, sinking shafts, and diving
levels on the lodes, as stated above, through strata of mineral ground not surpassed
in any mines in the work. It only remains to draw out the water, which can be effected in 12 months, that the rich courses of copper and tin ores, left when last these
mines were wrought, may at once be raised to the surface, and immediate and handsome returns will be made.

It is the united opinion of persons competent to speak on these mines, that when they
shall have been set to work, the immense profits that will accrue therefrom will
place them in a position second to none in the county of Cornwall, or elsewhere.

In the report of the late engineer of the above mines, he states that the water draw
from Wheal Busy, on an

so done, they will pay 30 per cent. on the capital invested. It may be considered, therefore, that there is no speculation in the concern, but a pure investment of capital; for it will be seen, from the several reports given by the mine agents, that there is upwards of £300,000 worth of copper and tin ores already discovered in the mines, to take away.

The operations in Wheal Busy commenced in 1810, and ceased in 1825, during which time the lord received as dues, at a 20th dish, £17,192 19s, 6d., notwithstanding the very inefficient way in which the operations were carried on, and the low standard of copper and tin, being more than 20 per cent, less than the present price.

There were raised and sold from Wheal Busy alone the last 14 months the engine was at work 5311 tons of copper ore, which realised £21,170 5s, 2d. The returns of tin ore was one ton of tin to every 20 tons of copper ore; making the returns of tin ore was one ton of tin to every 20 tons of copper ore, making the returns of tin ore was one ton of tin to every 20 tons of copper ore, making the returns of tin ore was one ton of tin to every 20 tons of copper ore, making the returns of tin ore was one ton of tin to every 20 tons of copper ore, making the returns of tin 142 tons, at £40 per ton, realising £10,600. And the first 12 months the engine crass of the complex of the copper ore, which realised £10,731 4s, 5d.; making the returns of tin 142 tons, at £40 per ton, £562. This does not show any want of ores.

The West Cornwall Railway runs through the sett from east to west. The mines are within four miles of Fort Treath and six miles of Devon, and connected with both sea ports by a trans-road, which runs through the sett.

The inducement to work these shallow mines is the improvement in machinery of all descriptions, the high standard of copper and tin, and last, though not the less, the great economy and science displayed in all mining operations in the present day over the time when these mines last worked.

In the last working of Wheal Bu

long, producing 4 tons per fathom, worth full £12 per ton; and there are two other owners of copper ore east of the same shaft, in the 60 fm, level, cach 20 fms. long, and will let at 3s. in £1."

Mr. Roewall says—"There is a course of copper ores in South Hallenbeagle, on Reid's lode, in the 40 fm. level, 10 fms. long, worth £30 per fm.; and in the 30 fm. level, on the same lode, there is a course of ores for 60 fms. long, reducing 1½ ton per fm., worth £30 per ton—worth £13 l0s. per fm.; he ground can be worked at 60s. per fm., the ground can be worked at 60s. per fm.; and there is a course of ores for 60 fms. long, will produce 1½ ton per fm., worth £11 per ton, or £16 per fm.; the ground can be worked for 60s. per fm.; and the lodes in the Old Hallenbeagle underties south, and the lodes in South Hallenbeagle north; they will join in the 110, where the ore will be immense."

Mr. James Nicholauys—"There is enough copper and tinstuff broken in Wheal Bayt to pay for the creation of all proper machinery; and there is a course of ores in the 90: 12 men can raise 100 tons per month."

Mr. Richard Nichol says—"There is enough copper and tinstuff broken in Wheal Bayt working; that the ores were abundant throughout the mine; and in the 60, in the western part of the mine, a rich lode was cut in the side; six men raised 100 tons for, which realised £3 per ton, at 105 standard; and that the same lode was cut in the 60, east of Cheynoweth's shaft, where the ores were of an extraordinary size and three 60, east of Cheynoweth's shaft, where the ores were of an extraordinary size and three weeks before she ceased working. There is enough copper and in orea shreety three weeks before she ceased working. There is enough copper and in orea shreety three weeks before she ceased working. There is enough copper more in our worth from £20 to £240 per fm.; and that there is a course of copper ore in Old Hallenbeagle Mine, in the 60, 50 fms. long, worth £22 per fm. The originary size and in the follow of the same are already taken,

FORM OF APPLICATION FOR SHARES.

To the Directors of Great Wheal Busy United Mining Company (Limited). 

Name of referee ....

Place of business Profession,....

MPORTANT TO ALL, WHO SING.

From S. Pearsall, Esq., Vicar Choral of Lichfield Cathedral,—"A lady of distinction having pointed out to me the qualities of Dr. LOCOCK'S PULMONIC WAFERS, I was indused to make trial of a box, and from this trial I am bappy to give my testimonial in their favour. I find by allowing a few of the wafers—taken in the course of the day—to gradually dissolve in the mouth, my voice becomes bright and clear, and the tone full and distinct. They are decidedly the most efficacion of uny I have ever used."

nn I have ever used."

Dr. Locock's Wafers give instant relief and a rapid cure of Asthms, Coughs

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NO MORE RHEUMATISM:—THE PAUSILIPPIC LOTION,
for the SPEEDY CURE of acute Rheumatism, the most distracting Serous
levery part of the body, and many other complaints, by a few outward and paines
every part of the body, and many other complaints, by a few outward and paines
applications to the nart affected. A couple of days, in most eases, will suffice to conspletely cure the suffers.

The number of testimonials in the hands of the proprietors, as to the almost miraculous effect of this wonder ful remedy, is incredible. The following are a few of these
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July 30, 1855.—GENTLEKEN: I have used the Pausilippie Lotion as a mean of relief for rheumatism in the shoulder, and sciatica in the hip; my suffering, especially
from rheumatism, was extremely acute, and I found myself completely relieve to
polying the lotion morning and evening for three successive days. I had to take
internal mediaine, or to observe any particular regimen, neither was it necessary
during the time to abandon my ordinary avocation. I consider it due to you,
during the time to abandon my ordinary avocation. I consider it due to you,
feet induced in the interest of suffering humanity, to authorise the publication of
feet induced in the interest of suffering humanity. to authorise the publication
F.T. PORTER, Magistrate, Head Office, Dublin FoliaVictoria Park, Donegearney, June 10, 1885.—GENTLEMEN: I feel extremely salles. THE MOST PRECIOUS DISCOVERY OF THE AGE!

these lines. F. T. FORTER, Magistrate, Head Office.

Fictoria Park, Doneycarney, June 10, 1855.—GENTLEMEN: I feel extremely to you for your very valuable rheumatic lotion, which I applied three times directed, to my arm, when I was completely relieved from the very severe pains which I had suffered incessantly for three months, and which I feared come chronic. I do trust this most valuable discovery may be made available—I am, &c., THOMAS WELSH, late Attorney-General of Aut

public.—I am, &c., THOMAS WELSH, late Attorney-Genera of AmSold in London by Messra. Huos, chemist, 35, Piccadilly, opposite &t.
Church; Colemy and Co., 112, Cheapside; E. D. Senentier, Op. Chiswelland,
WILLMOTT, 83, St. Margaret's-hill, Borough; in Dublin, by Messra. Bew
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### Original Correspondence.

THE STEAM-ENGINE-ITS IMPROVEMENT RETARDED BY

Sn.—The rocriminations induged in between the exclusively abstract it acclusively practical, which are continually coming under notice, singly the result of such exclusive and partial equaintance of the sight, upon which each condemns the other. As those who combine praceing the result in the one branch imparts to the other, and cannot be unconscious experience which abstract knowledge must appreciate the great assistance of the control of the control

Now, upon this statement, I will affirm that, with such officers and the statement, I will affirm that, with such officers and the simulation in the practical application of science by her Government disals, as I will prove, if they give me a chance—and if they will not, the nations will, if I choose to persever—that I lb. of coal shall do ken towards propolling a stamm-vessel used as I use it, than 3 lbs. can ations will, if I choose to persevere—that I lb. of coal shall do the towards propelling a steam-vessel, used as I use it, than 3 lbs. can by their practice, in the very best engines they have affoat. I will ethis, too, with engines and boilers not more than one-third the bulk, more than one-half the weight, of their engines and boilers. The large of their superior suitability for marine purposes generally, but estably for war purposes. I may be held in great contempt by those which and their abettors; but really, Sir, you must excuse me if I, in a para, feel pity for the country whose vital interest is committed to the seasy of such men as have been sent to decide upon the application or application of my inventions. In about a month after I called on a covernment agent, I get the stereotyped reply—"My Lords Commission of the Admiralty are not prepared to make a trial of your engine." I would be well if the public could learn whose agents these men really it is the fashion to throw all the blame on the Ministers of the latter I am one of those who differ from this view of things. The I am one of those who differ from this view of things. The sare changed often enough, I should think, to satisfy any one; sail still remains. Surely this is proof that it lies deeper. I also at the manager of an extensive manufactory would cut but a sorry

### SCIENTIFIC AND PRACTICAL MINING COLLEGE, PROPOSED

TO BE ERECTED IN NEWCASTLE ON TYNE.

Sin,—The subject of this intended college was brought before the coalowners, from all parts of the kingdom, assembled in London, in June last,
by Mr. Nich. Wood, President of the Northern Institute, accompanied by

Sfn,—The subject of this intended college was brought before the coal owners, from all parts of the kingdom, assembled in London, in June last, by Mr. Nich. Wood, President of the Northern Institute, accompanied by a handsome drawing, executed by Mr. A. M. Dunn, architect, Newcastle; and an unanimous vote of approbation passed, whilst printed prospectuses were issued, explaining the nature of the arrangements intended, viz.—the building of a college, to be followed by the appointment of professors, &c. But, as these matters are much confined to the knowledge of the members of the Northern Institute, I submit that some public notice of them cannot but be interesting to the readers of your Journal, which has induced me thus to address you.

It is not my intention to encroach at all upon the report of the Council of Mining Engineers, already printed and circulated; but although that report adverts to details regarding the management of the college, and of the various studies to be embraced; it has occurred to me that the public are not sufficiently apprised of the extensive views which are entertained by the projectors, nor of the universal interest which such an establishment would create, not only in this district, but throughout the whole kingdom, and even to the Continent. With regard to the seat of the establishment, it is submitted that Newcastle and the district around are preeminently entitled to priority, for the following reasons:—First, with respect to the production of coal, it far exceeds that of any other district in the kingdom; for the statistics lately published by Mr. Robert Hunt, of the Museum of Practical Geology, Jermyn-street, London, show that the production of coals in the counties of Durham and Northumberland, in the year 1854, was 15,420,615 tons; Yorkshire, 7,226,500 tons; Sactland, 7,448,000 tons; whist the whole produce of the kingdom was 64,661,401 tons: so that these two counties may be said to produce nearly one-fourth of the aggregate raisings of the kingdom.

Again, the great dept

Goal disart in behalt to contend with. Circumstances such as Government in this country has to contend with. This is a subject of grave importance, and deserves to be simply and popularly set before the minds of Englishmen. But, to return to Mr. Mackensie's engine, which has been said to all the state of the summary of

mine which were formerly left underground, or burnt and destroyed on the surface.

2. The lessees will also profit in many of these particulars, whilst practical science, by going hand and hand with the Government and the working classes, will increase the safety of the mines, and diminish those frightful calamities which have too frequently distressed the inhabitants of the coal districts, and spread the dreadful details of explosions throughout the land.

3. The public will naturally be benefitted, not only in obtaining a cheap coal, but of a corresponding cheapening of all manufactured goods in which coal is necessarily more or less employed. The shipowner, and all persons employed by him, will benefit in the employment arising from the increasing home and export trade. In short, a cheap and plentiful supply of coal, secured by scientific and practical production, will extend and ramify its benefits to every portion of the community in times of peace, and will furnish to the Government the most stupendous power for the purposes of war. In conclusion, therefore, it may be said that the projected college, by forwarding and embracing all the above subjects, is entitled to the support of all classes of the community, and the aid and patronage of Government.—Newcastle, Sept. 18.

GOVERNMENT INSPECTION.

### GOVERNMENT INSPECTION.

GOVERNMENT INSPECTION.

Sible,—I trust you will again favour me with your accustomed indulgence while making a few observations on some of the topics which are justly engaging the attention of your numerous intelligent correspondents. I have, indeed, been induced to read and to re-read the letters which have at various times appeared in your valuable Journal on the important subject of accidents in coal mines, and the Coal Mines' Inspection Bill; and I have not failed to observe what has been so palpably evident in several of these letters—viz., a marked reference to certain communications having a "general tendency at variance with the best interest both of colliery owners and their workpeople." There is nothing that would grieve me more than the thought that all the capitalists and coalowners were alike hostile to the welfare of the labouring man; to firmly believe that bene-volence, sympathy with labour, and a desire to promote real education amongst the colliers were in a state of negation amongst the coalowners, would be frightful and alarming in the extreme. I cannot believe any of these things, as it is my privilege to know a few of the coalowners, whose deeds are living epistles, which should be known and read by all men; and I do contend, notwithstanding Mr. Cossham's declarations and fears to the contrary, that no remarks which have been made on the high sounding appellation "scientific viewer," and his cunning devices at Craven Hotel, in the pages of this Journal, have had the slightest power to influence these noble-hearted men in their efforts to do good, except an additional incentive to increase their exertions in the cause of suffering and depressed humanity. I heartily wish that coalowners of this class were more numerous and more influential than they are; but it would be the height of folly and stupidity to deny that facts and deeds publicly proclaim, with unmistakable eloquence, that there are many, not only amongst the occupiers of labour in the dark recesses of subternanean caverns, but al SIR,-I trust you will again favour me with your accustomed indultronage of this society, access to the mines would be given to the students of every degree, and from whatever country they came; whilst the fees and charges would be arranged upon the most economical and favoursable scale.

The foregoing remarks apply mainly to the study and practice of mine engineering; but it is also intended to embrace all the manufacturing into the restables, for this district presents an extraordinary accumulation of capital in and science in the various manufactures, such as iron-furnaces, malleable iron-works, foundries, glass-works, potteries, fire brick-works, acids and aklaies, paper-making, lead mining and lead manufacturing, artificial manure-making, cements, paints and colours, rope-making, flax-spinning, and last, though not least, coke-making, of the finest quality in the kingdom. It is, therefore, intended to interest these great trades, viz.—by soliciting the contribution of specimens, papers, lectures, and practical statements, as also their support by annual subscriptions of money, to make up the deficiency which may exist for a time, until the establishment shall have arrived at a state of self-subsistence; whilst it is not to be doubted that so important an institution will readily receive from the Government a similar aid to that given to other schools and seminaries of education.

The most prominent of the advances of mining science within the last hundred years may be enumerated as follows:—1. The improvements of the studyed when he happens to enjoy the possession of wealth and station, and far too little attention is bestowed.

The most prominent of the advances of mining science within the last hundred years may be enumerated as follows:—1. The improvements of the studyed when he happens to enjoy the best as a similar aid to that given to other schools and seminaries of education.

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Mr. A., is the reply; then he positively affirms, I shall not vote for him. Men, not measures, influence the decisions of the monied despots of the Lower House. What magical charm can a name possess? For instance, Vindicator and Cossham—'sound them;" Vindicator "becomes the mouth as well;" "weigh them—it is as heavy;" conjure them—Vindicator will start a spirit as soon as Cossham." I should like to know, then, what influence the mere name of America exercised on those vast continents, and what assistance it imparted to the inspired and prophetic Columbus when he stood, colossus-like, on the huge pillars of Hercules, and descried beyond the unknown deeps the primitive innocence of distant ages and people, reserved apparently as an absorbent for the corruptions, perfidy, and avarice of the Christian nations of Europe? In what way could the second Adam, Baron Cuvier, develop and elucidate the instincts of animals which belonged to unknown ages of the universe by the simple names of Dinotherium and Magatherium? These names, which have been wisely bestowed on the inhabitants distinctly recorded in the tertiary strata of Western Europe, are perfectly impotent to break open the silent repose in which they have been sepulchred during the unknown but vast periods of the earth's history. Then, again, what an example there is in the creative and sustaining power of infinity. What is there apart from the essence and virtue of the animal, vegetable, and mineral kingdoms to show the name of their Great Original? Therefore, Mr. Handel Cossham has no just right to complain respecting the manner in which any of your numerous correspondents choose to give publicity to their views and opinions, the substance and import of which should alone engage his most devout attention. Allow me to remind this gentleman that it is not fear which prevents your correspondents from attaching their own names to their various productions, but the conviction that any designation will answer equally well the object contemplated—vix., to distinguish; "impracticable and dangerous rules relative to the management of collieries" to which he refers, and then your numerous anonymous correspondents would have had an opportunity of comparing and judging for themselves. If Mr. Mackworth has suggested to the colliers the advantages of cultivating habits of cleanliness, and to the coalowners the necessity of suitable conveniences by which to accomplish this important object, in this case, then, he has performed no more than his duty, and richly deserves, as I hope he will obtain, the support of every right-minded thinking man. I can remember very well in my young days working hard from six o'clock in the morning till eight o'clock in the evening, in a heading about 3 ft. high, in the midst of wet and sludge; after which I had to walk home three miles, in frosty weather, in the same garments which to walk home three miles, in frosty weather, in the same garments which I had worked in all day. I am not about to argue that coalowners should invest their property for the advantage of the public without a reasonable profit, but surely the public should insist that the colliers are adequately renunerated and protected for their arduous labours.

Is not Mr. Coashan's comparison to illustrate his region of research.

invest their property for the advantage of the public without a reasonable profit, but surely the public should insist that the colliers are adequately remunerated and protected for their arduous labours.

Is not Mr. Cossham's comparison to illustrate his notion of progressive improvements unhappily selected? Does it, I ask, represent a correct state of the question? Is not destroying towns and rebuilding them, in order to introduce new sanitary improvements, equivalent to filling up all the coal pits and workings in a county, and then sinking new ones, with a view to adopt the contemplated changes for the better? I trust the Government inspectors have not been so sanguine in their measures of reform as to recommend to Mr. Handel Cossham such a wholesale riddance of abuses as his metaphorical comparison contemplates; but I rather suspect, if the truth could be known, that they have advised only the removal of objectionable practices, and the adoption of better in their places, just as the nuisance committee would recommend the cleansing of a filthy sower, or the removal of a post, which injures the health, and impedes the progress of the public in their transit through the streets and alleys of the town. Mr. Cossham's petulant, frantic, and rodomontade attempt to ridicule the labours of the Government inspectors is unworthy of his great abilities, and is also too puerile to demand even a passing observation.

It now remains to say a few words with respect to the Mining School of Truro, which has just issued from its enlarged intellectual experience a manifesto for the benefit of the public; and although 2000. have been subscribed by the influentials of the West, to show their sincerity in the cause of education amongst their cherished class, heavenly charity begins first at home, is the motto; still this very comprehensive manifesto ought to teach an enlightened public how impotent and utterly impracticable the Mining School of Truro is to realise the objects which its promoters contemplate. The miners, it is t

ye yourselves know that these hands have ministered unto my necessities, and to them that were with me." Does not the intense light of the intriguing priest become a positive nuisance? does it not burn so that the muslin of the kitchen and the Venetian of the drawing-room must be applied effectually to check and to modify its burning intensity?

The boasting manifesto of Truro proposes, under the hallowed training of the Rev. A. W. Hobson, M.A., &c., to carry its hopefuls triumphantly through arithmetic, geometry (no royal road yet), algebra, and its application to geometry, trigonometry, and its application to surveying, &c.; differential and integral calculus; mechanics, statics, and dynamics; hydrostatics, pneumatics, heat, steam-engine, electricity, magnetism, chemistry, mineralogy, metallurgy, systematic, qualitative, and quantitative analysis; geometrical and mechanical drawing; mining calculations and accounts; surveying, levelling, and plotting (not mischief); securing excavations by timbering and walling; construction of the steam-engine, ventilation of mines, preparation of ores, and many other things too numerous to mention. And all this is to be accomplished in the short space of two years, provided an entrance fee of 20L per annum be paid in advance; the information respecting the probable expense of board and lodgings will be given gratuitously. After the hopeful pupil, the prop of his father's house, has been put through this scientific sieve, he will be vance; the information respecting the probable expense of board and lodgings will be given gratuitously. After the hopeful pupil, the prop of his father's house, has been put through this scientific sieve, he will be caparisoned cap-a-pie, and fully equipped to discharge the duties of the highest positions in the service of the Crown, or in any mining or civil engineering undertaking in which his now developed powers may be called to engage. The exalted pedagogue, we are informed, will propare him to meet successfully all contingencies. Is this boasting manifesto to be regarded in the same light as that in which your numerous correspondents regard certain well got up reports of mining speculations?

I am anxious to know if there be any choice except Hobson's for the managers of the Mining School of Trure to accept for themselves the most puerile and contemptible imbecility with respect to science and its more than magical applications, or, what is more culpable still, the most nefarious and implacable determination to deceive the public by holding forth expectations which never can be realised? What! learn all these subjects in two years, with a view to effect any practical good? Oh! what a

expectations which never can be realised? What! learn all these subjects in two years, with a view to effect any practical good? Oh! what a farce to be sure! but still sufficiently absurd and mountebank-like, I trust, to prevent fathers and mothers from sending their sons to be the victims of its meshes. I do not feel disposed to yield to any man in my admiration of the problem of three bodies, the solution of which comprises and demands more than all the resources of physical laws, geometrical profundity, and analytical artifices and address; but, I ask, what will this do alone to affect any marked improvements in waterial minimal. alone to effect any marked improvements in practical mining? I can-didly confess to my conviction of the absolute necessity of the application of science to practical purposes; still, after thirty years' devoted attention to scientific and literary subjects, apart from arduous labour, I have not secomplished one-tenth part of that which the masters of the Mining

School of Truro propose to teach in the brief space of two years. Does an extensive knowledge of details constitute a great man? if so, how did on and Newton become famous with not one-hundreth part of the

Bacon and Newton become famous with not one-hundreth part of the knowledge which it is proposed to teach the pupils of Truro?

I have no hesitation to urge the enquiry on the attention of the Rev. A. W. Hobson, as a man of honour and education, and ask him plainly, has not the smattering of science, which such a course as he proposes would impart, a dangerous tendency, and placing a two-edged weapon in the hands of a student without a corresponding power to wield it effectually? In conclusion, I cannot do better than recommend to the attention of the promoters of science, the latter especially, of the address of his Grace the Duke of Argyll, delivered before the British Association for the Advancement of Science, now sitting at Glasgow: it is really refreshing to leave the proposed shortpears of the Compress, and the evil consequences. the Duke of Argyll, delivered before the British Association for the Advancement of Science, now sitting at Glasgow: it is really refreshing to leave the monical absorbents of the Commons, and the evil consequences which their scraping of fortunes entail on the community in the shape of bankruptcies like those of Lawford, Strahan and Paul, and still worse delinquencies of the small tradesmen, as disclosed before the "Adulteration Commissioners," and regale ourselves in this ennobling and highly talented exposition of Science, viewed as the handmaid to a higher culture and more exalted destiny than that which cupidity would fain assign.

Sept. 17.

COAL MINER.

#### NORTHAMPTONSHIRE IRON ORE.

Six,—After reading the correspondence in your Journal on this subject, which clearly proves the fact that pig-iron may be (as regards the fuel and ore) manufactured at less expense in Northamptonshire than in Staffordshire, and that good iron has been made from the Northamptonshire ore clear. I am induced to ack a few questions, in the hope of producing some alone, I am induced to ask a few questions, in the hope of producing some really practical information on the subject, as it appears to me that unless every Northamptonshire ironmaster will take the trouble of ascertaining overy Northamptonshire ironmaster will take the trouble of ascertaining the quality of his own materials, and the proper mode of using them, instead of being guided by the customs and rules prevalent at other manufactories, where the fuel and ores may be quite different, we need not wonder at the uncertainty of the results, and the numberless errors made by getting men to calcine and attend the furnace from Staffordshire or elsewhere, to work an ore in Northamptonshire by itself, by the same process they have been using for smelting ores totally different (voide Mushet's work, p. 292). Neither can it be expected that the furnace will always work the same, although the same proportions of fuel and ore are used, when we see that the same pit will produce ores of different quality, which are indisoriminately mixed together: also, the ore is sometimes put into are indiscriminately mixed together; also, the ore is sometimes put into the furnace as it comes from the pit, at others it is calcined first, and un-less the ironmaster thoroughly understands how to work his own ore, and sees that it is properly managed by others, failures will inevitably be the consequence, particularly where the business is entrusted to persons who consequence, particularly where the business is entrusted to persons who feel no particular interest in the matter; and it will clearly be seen that a business of this sort cannot be conducted to advantage by a board of directors, living at a distance, and only meeting together occasionally for special business.

special business.

Can it be necessary to mix the Northamptonshire ore with the Stafford-

shire, although it may be found economical in Staffordshire to use a certain portion of the Northamptonshire cheap ore?

Is not all iron the same in the raw state, or how is it that by different processes we get good and bad iron from the same ore? (vide Mushet, p. 72.)

Does not the quality of the iron depend upon the earthy matter found in combination with the ore, as by that it is known to be either agillaceous, siliceous, or calcarcous? iliceous, or calcareous?

If only the earths in the ore require another mixture, all kinds may be eadily and cheaply found in Northamptonshire.

Is not the best iron made in the foundry by mixing different pig-iron

in the cupola furnace? If you mix different ores in the furnace, how is the foundryman to know

mix the pig-iron?

how to mix the pig-iron?

As the Northamptonshire ore is smelted with less fuel, and in less time, than the Staffordshire ore, is it right to mix the ores in the furnace, or to use the same kind or size of furnace for both when smelted separately? As the cinder, or slag, is generally thrown away or used for road mending at a considerable expense, even in Staffordshire, where the land is already spoiled with it, how would this operate upon the fertile lands in Northamptonshire? And is not this alone sufficient to deter a Northamptonshire proprietary of iron over from entering upon a business he does

Northamptonshire? And is not this alone sufficient to deter a Northamptonshire proprietor of iron ore from entering upon a business he does not understand, and requiring so great a capital?

Is there not a company now formed for manufacturing the slag, and would it not be to the interest of the Northamptonshire Iron Ore Company to encourage it, although it may not be so to the Staffordshire ironmaster? Would there not be less difficulty and danger in smelling if more earthy or slag material were used? And if commercially and profitably used, the capability of which is now practically established, no doubt can remain as to Northamptonshire becoming a great manufacturing county.

As to the common building bricks (or lumps of clay) made at Duston, by a machine that required the clay to be cut into lumps when running out of the mill, and intended afterwards to be pressed into proper form (if this were not done), it is not to be wondered at that they were not saleable, although made of a better clay than is generally used in Northamptonshire for common bricks.—Blisworth, Sept. 14.

W. G. Elliott.

### L DUSTON IRON ORE COMPANY.

Sin,—My communications with the Chairman of the Duston Iron Ore Compacte not intended to provoke any controversy, either with Mr. S. B. Rogers, who is needlessly fallen foul of me in your last Journal, or with any one else; but, as y ave given Mr. Rogers's letter publicity, I must request the favour of your insets of this reply.

were not intended to provoke any controversy, either with Mr. S. B. Rogers, who has so needlessly fallen foul of me in your last Journal, or with any one else; but, as you have given Mr. Rogers's letter publicity, I must request the favour of your inserting this reply.

Mr. Rogers takes exception to my stating that the quality of the bars made entirely from Northamptonshire iron is "better than that of the common Welsh bars," and forthwith proceeds to read me a severe lecture for my "very disparaging and far from true remarks," for my "grantitious and perfectly uncalled-for assumption," and for my having "spoken so confidently and disparagingly of an inferior quality in Welsh iron," all this mountain of offence being raised by Mr. Rogers out of the aforesaid molehill—viz., my having applied the word "common" in connection with Welsh bars. My use of this word by no means implied that good iron cannot be, or is not, made in South Wales; but, nevertheless, at the risk of again disturbing Mr. Rogers's equaminity, I must beg to say that such is not the ordinary commercial character of Welsh bar-iron, and a ready means of testing the correctness of this assertion is furnished in the Price Current contained in your Journal of the same date. I there find Welsh bars varying from 8t, 8s. in Wales, the lowest, to 10t, in London, as the highest figure obtainable for them. Of Staffordshire bars, but one price is given, namely—IIt. in London. Again, Welsh nall-rods are marked 10t. to 10t. 10ts. in London; while Staffordshire nail-rods are quoted 12t, to 12t. 10s. These figures, I think, are conclusive as to the respective qualities of Welsh and Staffordshire bar-iron.

Mr. Rogers, after misquoting my remarks, and interpolating the word "sulphury," which I did not use, proceeds, in what I must admit to be very an-"common "grammar, to state the difficulty he feels in believing the experiments to be satisfactory. I have no interest in speaking either for or against the Northamptonshire ironstone: I gave the facts of the trial,

### BLAENAVON IRON AND COAL COMPANY.

Sin,—The shareholders of this company have reason to thank Mr. David Mushet for his very excellent letter, in your last Journal, in which he states so ably the causes of its vulnous state. We have had issued by order of our directors a circular from the secretary, Mr. J. H. Thomas: I can easily imagine with what diagust that gentleman drags himself before the public as the redicographic of these directors, he having in his appointment under the late Momouthabire bankrupt Joint-Stock Bank seen enough of directorial card-shuffling to deceive the suffering shareholder, without witnessing a repetition of it in the Bisenovon Company's offices. It is amusing to read this gentleman's circular, in which the directors so forcibly express their extreme desire now to "defend our property from these whose rule and under whose management our shares have fallen from 50. to 6, per share? Have not the suffering shareholders remained tactify quiet, and permitted our directors to do how, and what, and when they would with their property, until at the eleventh hour, goaded on by the diagraceful proceedings of our board, some gentlemen obtained a committee of investigation? Others, like myself, have appealed to public opinion through the admirable press of this country. Well may these directors wish to silence that press, which has and will continue to express our honest and straightforward opinion of their proceedings: it is nearly all that the suffering shareholder has got to defend himself with, and to see himself righted, so one-sided is the power which the directors our held under the Bisenavon Company's Deed of Settlement. Well may our directors wish to put a stop to the opinions expressed in our public journals, but they will find, if they have the power, as they have taken care to do, to prevent any reporter stending our annual meetings in St. Panersa-lane, they cannot prevent the Bisenavon shareholders from meeting on the 19th last, or from expressing their grievaneses in the journals of Old England.

I know nothing of Me

the London Directory or not, or are shareholders or representatives of shares; I pusume they are, or why take the trouble they have. Their views are honest as straightforward, and as long as they are so, they ought to have the support of ever shareholder. Urgent business will prevent my attendance at the London Tavers, by Messrs, Banks and Co. shall have my assistance when required. I would draw the distinction of the shareholders to a trail at Brugges of three of the directors of the Gircutors of the Gircutors

### WILLIZATION OF SLAG.

"CONSTANT EMPLOYMENT FOR THE POOR, A CHEAP LOAF, AND A COMPORTABLE AND DRY COTTAGE."

SIR.—Will not the use of Mr. Jenkin's double reverberatory furnace, so favorably spoken of in your Journal, and which he informs me may be erected at a cost not exceeding 1601., and that it is capable of melting from 20 to 30 tons of slag in 24 boar, with 2% tons of coal, prove that slag may be manufactured in the way 1 have described, and published in your Journal of July 28 last, in every parish in England, and that by the waste heat of the furnaces all the corn grown, imported, and cas aumed in England, might be thrashed, ground, and baked?

W. G. ELHOTT, Blisworth, Sept. 38.

CONTRACTS IN MINES.

CONTRACTS IN MINES.

Sia,—"John Bull," in your last Journal, accuses me of being a novice in Cornish mining: if I am a novice in mining, he is certainly a novice in the contract system. In mining it is known that at the setting days the sinking of a staft, or driving of a level, is bargained for at so much per fathom; but will "John Bull" say that it is the same system adopted at other engineering works? If a railway company contract to have a certain number of miles of road constructed, a tunnel driven, or a bridge secreted, are they charged agency, machinery, merchants' bills, &c.; and do they sot know the exact amount the work will cost? There are many mines, I believe, would be taken up by adventurers if the exact expense of certain work could be ascertained; and it is most extraordinary that mining engineering should be so far behind that it cannot be done. Perhaps "John Bull" will inform me what mine, either in Cornwall or elsewhere, is worked upon the system I have alluded to 'that is to say, to sink 50 fms. at a certain amount per fm., to include every expense. If he can do so, I think I can be of some service to the contractor.

\*\*Cunden Town, Sept. 18.\*\*

### PRACTICAL MINE MANAGEMENT.-No. IX.

I think I can be of some service to the contractor.

Camden Town, Sept. 18.

PRACTICAL MINE MANAGEMENT.—No. IX.

Sir.,—Cornish mining throughout appears to depend on management, which your correspondent "Oxoniensis," and imany others, cannot well understand; for there is a difficulty in explaining, even by those who do understand it—in fact, it is better understood than explained.

It was management that out into the water-vein (it is time to call cross-courses by a name by which they will be understood) between Wheal Unity and Wheal Gorland, and made the latter a dry mine. It was this management that put on the Great Cossols: but how, or by what management, Treskerby Mines were so abruphy suspended, the engines stopped, and such a quantity of rich ores left in the levels, the tributers never knew, although it is within but a very few years that the late adventurers of the Great Consols yielded these mines to the present parties. The profits on the working of these deep and extensive, and unexhausted and inexhaustible mines, by management, are said already to exceed 700,000.\*. there may have been management in dispossessing the late party—I will, therefore, say nothing about management in their obtaining possession of the United Mines; but, about six years ago, when its United Mines (in 400 shares) had paid 40f. a share, and was about management in dispossessing the late party—I will, therefore, any nothing about management their powerful neighbours to help, by putting on some filde englines, which was refused; they then sent, and said they would stop their own, and drown both concerns; and in seve disposition of the concerns and in seve disposition of the property of the concerns and in seve disposition of the property of the concerns and in seve disposition of the property of the distribution of the property of the prope

["An Old Miner" would be glad to communicate with "Oxonien a private letter, addressed to our office.]

### THE SHARP TOR DISTRICT, AND MB. ENNOR.

THE SHARP TOR DISTRICT, AND Ms. ENNOR.

Sta,—After Mr. N. Ennor's displayin last week's Mining Journal, it will be solid in think, that my simple questions are too abstruse to be defined by him, and main unanswered; and I imagine the readers of your Journal are quite satisfied in the property of the Ennor's two previous communications which, perhaps, it may not be much amiss in to notice. The former, bearing date Aug. 23, informs the public that he hands that rocks charged with felspar are not favourable to the growth of yellow copies that rocks charged with felspar are not favourable to the growth of yellow copies but the copies of the property of the said of the property of the said plurets. Now, I will leave your readers to form their own opinion repetits such conflicting statements, and I should say that no same man would, in a short time, offer such a diversity of ideas.

Mr. Ennor also tells us that his father, with Captains George and Smith, were venturers in Phomix, but the prosent engine-abst (through which the whole of copper is now being hauled) was not then thought of. This does not again their favour, for if they had been practical miners they ought to have discovered ore and profited by it, and then, perhaps, Mr. Ennor's 'll nuturerable Son,' will might probably have sequired some practical miners they ought to have discovered ore and profited by it, and then, perhaps, Mr. Ennor's 'll nuturerable Son,' will matter rest with Mr. Ennor and his infallible laws.

Mr. Ennor asys, 'Mr. Clements had better confine himself to Sharp Tor, all immore of Linkinghorne than he may expect, and after my present remarks we till more of I chinkinghorne than he may expect, and after my present remarks we limore of Linkinghorne than he may expect, and after my present remarks we limore of the district, when about four years ago be stated Phensix to be also junction and against a cross-course, and the bunch for hor transfer quit he had not first interfere

### X THE BOCONNOE IRON MINE, AND ITS WORTH.

THE BOCONNOE IRON MINE, AND ITS WORTH.

Sin,—This sett adjoins the well-known Grey Mare Mine to the south, on the state of the county of the c

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ill; this lode is very large and strong, and the lucky shareholders are realising see from it; their described in the see and as it is of a irrory nature, no double off rich in either silver irror ores. There are other lodes in these setts, note, both north and south and east and west courses. The Duke of Cornal also dross these setts.—Dubocalls, Liskeard, Sept. 16.

### WHEAL BRAY COPPER MINE.

WHEAL BRAY COPPER MINE.

The Being a constant reader of your valuable and impartial Journal, and also a mining, I find that there is a company forming to start Wheal Bray Copper bearing to mining, I find that there is a company forming to start Wheal Bray Copper bearing stratum of granite, bordering on killas. I worked in this mine 15 millions, the addit end, soon after operations commenced, where many lodes we intersected, two of them from 6 to 8 feet wide, composed of gossan, peach, fluor-windersected, two of them from 6 to 8 feet wide, composed of gossan, peach, fluor-windersected, two of them from 6 to 8 feet wide, composed of gossan, peach, fluor-windersected, two of them from 6 to 8 feet wide, composed of gossan, peach, fluor-windersected, two of them from 6 to 8 feet wide, composed of gossan, peach, fluor-windersected, two of them from 6 to 8 feet wide, composed of gossan, peach, fluor-windersected, two of them from 6 to 9 feet with the start of the first way of the first windersected, two of the first way of the first windersected, two of the first way of the first way

P.S. I beg to say that I have not been called on to do this; but, knowing some sing of the locality, I unhesitatingly pronounce my belief that it is one of the best strength in Cornwall.

### CARBERY WEST MINING COMPANY.

CARBERY WEST MINING COMPANY.

Sig.—Allow me to offer a few remarks on the finale of this mismanaged scheme, is the information of those concerned. At a general meeting of adventurers, held is lovember, it was resolved, "That all persons (excepting one watchman) should he said of, and immediately discharged from the service of the company." Mr. Foley solved instructions to that effect, and four trustees, of whom I was one, were nominated to take charge of whatever effects still remained.

The office being held on a three years' agreement, of which five months were uncipied, it was considered prudent to let it for that term for 201., and sell the furnium for 121., in order to cover a few outstanding liabilities. Mr. Armitage signed an agreement to that effect, but, from some unaccountable cause, has thought proper to reputate the same, after having had full possession the whole of the time, and we have been compelled to bring an action against him for the recovery of the amount. From the circumstance of one of the covenants of the lease stating that, "should the mines at any time not be worked by at least eight men for a certain number of first distinct any time not be worked by at least eight men for a certain number of signatings of the times, and the disropute in which Irish mining is involved, it was fixed impossible to resuscitate the adventure to any advantage; consequently, it was resolved, at a meeting of trustees, to call a meeting of shareholders, and obtain their ascinn to the disposal of the lease by public auction, and winding-up the whole consert. The meeting was to be held at the South Cork office, on the 19th inst., and Mr. Foley promised to be present; but, on the 13th inst., to my astonishment, I received solve from him, containing the following extract:—"I write this to say that I must remove the furniture, now in the South Cork office, belonging to me, on Monday next, and that I cannot have any charge whatever of the Carbery West affairs, so that it would be well to have them secured and under

### PENNANCE CONSOLS TIN, LEAD, AND COPPER MINES.

Sig.—I was much surprised to read in your last week's Journal a letter from Mr. Thoms Bisgood, denying having authorised me to insort his name as one of the committee of management in this undertaking, for which I faithfully assure you I had is equalified assent, although he afterwards wished his name withdrawn, which was immediately done. Mr. Bisgood also at the time he testified that assent requested me to send him 20 prospectuses for distribution amongst his friends.

Gly, Sept. 20.

W. Burgan.

### Meetings at Mining Companies.

### LUSITANIAN MINING COMPANY.

A meeting of shareholders was held at the offices of the company, Queen-street place, on Wednesday, -Mr. Wm. LOTTUS LOWNDES in the chair.

puce, on wednesday,—Mr. WM. LOFTUS LOWNDES in the chair.

Mr. STANIFORTH (the secretary) read the report of the directors, as also a statemate of accounts, from which we condense the following:—

The statement of accounts from the 6th of March, 1854, to the 30th June, 1855,
showed a total receipt of 14,609L, of which 12,500L was on capital account, and 1900L
for ore sold. A supplemental account showed that a further sum had been received
for ore, which, with 1300L, the estimated produce of ores now at Swansen, and the
former sales, made a total receipt for ores of 5404L, 13s. 5d.; and there was a disposshib balance of 2404L 13s. 5d.

for ore sold. A supplemental account showed that a further sum had been received for ores, which, with 1300f., the estimated produce of ores now at Swanses, and the former sales, made a total receipt for ores of 5404f. 13s. 5d.; and there was a dispossible balance of 2404f. 13s. 5d.

The report of Mr. John Taylor, jun., the managing director, was next read, from which we extract the following:—

I have now the pleasure to inform you that I have visited both of your mining establishments in Portugal, and that I was much gratified with my examination of the mineral fields in which your labours have been commenced. They are as yel little mon, and, therefore, little wrought upon, but the country is one which affords many advantages to the miner, and it will gradually become more and more developed. There are, however, some difficulties, such as the want of rouds, of a mining Nepalation, and of any knowledge of the mining law of the country, which embarrass and retard the progress of this important branch of industry in Portugal; but energy and perseverance will conquer these obstacles, and the Government seems to be disposed to afford every facility in its power.

At the Palah Mine, I found that considerable progress had been made in opening grand upon Basto's, the principal lode. A new shaft, called Taylor's, has been mak from the surface to the adit, on the course of the lode, which is nearly perpendicular, and this shaft has been continued to the 8 fm. level, and was sinking below that point. The lode contained a solid it hot rich yellow copper ore, when I saw it, of 13 or 14 inches wide at the eastern end of the shaft, and about 4 fms, and throughout its whole length it has been more or less rich, in places yielding 3 or even more loss per fathom. Some very good stopes had been commenced in the back of the level, and one will be a faired west and the sinkey to produce well in depth, although there is much less black layed west and the sinkey to produce well in depth, although there is much less black lose is in

or working. The Carvalhal sett, which adjoins Palhal on the south, contains many loos, and some of enormous size; but they seem to be of quite a different character from those of Palhal, and present to my eyes, generally, a less promising appearance. Several trials have been made upon them, but with no satisfactory result as yet; but as this ground can be seen made upon them, but with no satisfactory result as yet; but as this ground can be seen made upon them, but with no satisfactory result as yet; but as this ground can be sone solves of copper ore occasionally, and is now sinking upon a large lode, which yields some stones of copper ore occasionally, and is not without promise.

I will now the difficult of access, and producing copper ores of a much lower per centage, will also be led to the second of the progress of the progress

can be made navigable to a much nearer point, an 85 per cent. the cost of carriage will not be heavy.

can be made navigable to a much nearer point, and upon so valuable a product as 55 per cent. the cost of carriage will not be heavy.

A SHARRHOLDER proposed that the sum of 400L per annum should be allowed to the directors for their services, and he hoped in a short time the amount would be considerably increased.—The resolution was seconded, and carried unanimously.

The CHAIRMAN said the next question was the amount of remuneration to the anditors, which he should propose to be 10L each.—A resolution to that effect was proposed, seconded, and carried unanimously.

The CHAIRMAN said the next business was the election of directors. Mr. Hadow, went out in rotation, was eligible for re-election, and Mr. Henty orfered himself in place of Mr. Carr, resigned. Mr. Hadow and Mr. Henty were unanimously elected.

Mr. Hadow, in returning thanks, said he was much pleased with this further expression of confidence in him, and they might depend upon his exerting himself to the utmost of his ability for the interest of the general body of shareholders.

Mr. Jons Tavion, jun., said the report was rather short, and he might enlarge upon it. Mr. Pinto was extremely anxious that the mines should be carried on with English capital. They had a rich copper mine, which would be very shortly worked at a profit, as it produced copper of 70 to 75 per cents, and the process of working was very simple. In Portugal labour was chenp, and although the mine was only a small one, it was likely to pay very well. He (Mr. Taylor) was now ready to answer any questions put to him by the shareholders.

A vote of thanks was then proposed to Messra. Taylor, the managing directors, as also a similar compliment to the Chairman and directors, which were unanimously carried, and the meeting separated.

BLAENAVON IRON AND COAL COMPANY

### BLAENAVON IRON AND COAL COMPANY.

A meeting of shareholders was held at the London Tavern, Bishopsgate, on Wednesday, for the purpose of taking into consideration the present state of the company's affairs, and to propose the best means to be adopted to restore the value of the property,

Mr. J. G. WILLIAMS in the chair.

The Chairman explained the object of the meeting, and called on Mr. James Banks o give his statement; but an objection was immediately made that the meeting could of proceed until the names of the committee of shareholders whom he represented the names.

needly, for the purpose of taking into consideration the present state of the company's affair, and to propose the sent means to be adopted to restore the value of the property.

The Chatanax explained the object of the meeting, and called on Mr. James Bank The Chatanax explained the object of the meeting, and called on Mr. James Bank The Chatanax explained the object of the meeting, and called on Mr. James Bank and proceed until the names of the committee of sharcholders who he represented were made known, but the committee of sharcholders were attribute to obtain information, with a view to the institution of promeetings against the present beard of directors, but in Lincolu's in and Westminster Hall; and as under present circumstances there was great difficulty in obtaining that information, which difficulty would at the health of the committee of inventors and the committee of a sent that they were shareholders, and many large ones too, in the linearwon Company, of doing good to the company, there could be no heart in giving the hair results of doing good to the company, there could be no heart in giving the hair results of doing good to the company, there could be no heart in giving the hair results of doing good to the company, there could be no heart in giving the hair results of the meeting of the meeting would be made stemed in importance of the company of the presentation of the meeting of the meeting of the presentation of the presentation of the committee of inventors in the second of the presentation of the committee of inventors in the second of the presentation of the course and the course of the presentation of the course of the

had not been grossly mismanaged, but he thought it would be much more advisable if Mr. Banks would inform them what he proposed to advise them to do, or to what resolution he was speaking, without entering into these tedious explanations. Several shareholders interposed, declaring that there seemed a disposition on the part of some gentiemen in the room to put down and stife the enquiry.

Mr. Banks continued, that the Chairman of the company and his son had been in the habit of purchasing iron of the company on no other security than their bills, and had been permitted, from January 31, 1833, the April 26, 1855, to reach the sum of 11,7441. 78. 3d, and the first renewal of bills was September, 1853, when only 40001. was due, with the further security of the Chairman himself. The directors did not do their duty in sanctioning that amount to remain unpaid, and that on insufficient security, while the company were actually giving 5 per cent. for bankers' charges for interest, thereby incurring an expense of upwards of 40002. Four days after the appointment of the committee of investigation, Mr. Kennaird sold and transferred 300 shares in the company, and when those very shares were presented for registration they were refused to be registered.

Mr. Hill. corroborated the last statement, adding that the transfer of Mr. Kennaird's shares was properly made, and the money was held by him nearly four months. A Sharaknoloza enquired whether it was not probable that the directors could give some satisfactory explanations for their proceedings?

Mr. Banks reminded the meeting that he had read a notice that the meeting would be held, which had been sent to the directors, and in which they were invited to attend, but they had not thought proper to do so. The next case to which he would call attention was that of the Hereford and Abergavenny Railway. He contended that Meesrs, Kennaird and Masterman had no right to invest money in the purchase of that company's shares, without the consent of the shareholders in the Blaenavon

mirpose. The position of Aljustrel is an extremely healthy one; and, also the present place of shipment is 30 miles from the mine, the River Saldas and navigable to a much nearer point, and upon so valuable a product a defension of iron. Then, again, the directors had not said a word to the shareholders and navigable to a much nearer point, and upon so valuable a product a shout the hitch in the lease, which was about to be renewed, or that their rent was about the proposed that the sum of 900, per annum should be congressed by 10,000, this, he considered, was unjustifiable. There was, in his opinion, no reason why, with directors who performed their duty towards the compared of the proposed that the sum of 900, per annum should be congressed by 10,000, this, he considered, was unjustifiable. There was, in his opinion, no reason why, with directors who performed their duty towards the compared to the navigant of the same and the next question was the amount of remuneration to the andi-navans as and the next question was the election of directors. Mr. Hadow, was eligible for re-election, and Mr. Henty offered himself in Mr. Carr, resigned. Mr. Hadow and Mr. Henty were unanimously elected. Anow, in returning thanks, said he was much pleased with this further example. In the confidence in him, and they might depend upon his exerting himself to such of sonidence in him, and they might depend upon his exerting himself to such of sonidence in him, and they might depend upon his exerting himself to such of sonidence in him, and they might depend upon his exerting himself to such the such capital. They had a rich copper mine, which would be very shortly worked fit, as it produced copper of 70 to 75 per cent, and the process of working was likely to have been made remunerative, but no attempt appears to have been made to render sit so. They, with regard to the works, one alteration had been effected by which a sum of the improvements.

An enquiry was made as to why the lease had not been completed; in answer to flabs, t

laws been made remunerative, but no attempt appears to have been made to remier its. Then, with regard to the works, one alteration had been effected by which as the control of the improvement, as made to the 1th 2th events, and this was a fair ample of most of the improvement, as made to the 1th 2th events of the control of the improvement, and the state of the control of the improvement, and the state of the control of the improvement of the control of the control

their members, woo, he mignature, and the sent in a claim for about 15t. for the printing of their report, and this had been refused payment.

Mr. Hint. remarked, that what he thought the most unjust proceeding was Mr. Kennaird having sold his shares, received the money, and made the transfer, and yet when those shares were presented for registration would not register then; therefore, had Kennaird failed, the buyers would have lost their money, as the shares stood in the register in his name; but this was not all—by delaying to register those shares the buyers were disqualified from voting at the next meeting. Mr. Kennaird had within the last few weeks re-bough these shares, with many others, and he wasserry to say that, from a certain clause in the Deed of Settlement, the directors were enabled to buy shares for the company; consequently, if their shares fall, Mr. Kennaird might turn round, and say that those shares were purchased on behalf of the company, whilst, if they rose, he could claim them as his own.

Several shareholders expressed a strong opinion that these shares had been repurchased for the purpose of swamping the other shareholders at the next meeting, where they would, no doubt, have a vote of implicit confidence in the direction recorded, although directly opposed to the feelings of the majority of the shareholders. After a long discussion, the motion of Mr. Morris was put to the meeting, and unanimously agreed to, and the following agreement signed:—

"We, the undersigned shareholders of the Biaenavon Iron and Coal Company, hereby pledge ourselves at the earliest convenient moment after the granting of the

nimously agreed to, and the following agreement signed:—
"We, the undersigned shareholders of the Blaenvon Iron and Coal Company, hereby pledge ourselves at the earliest convenient moment after the granting of the new lease to concur in signing a requisition for a public meeting of the shareholders, and we hereby request three of our number (Messrs, George Blakeway, Symes, and James Price) to decide upon the proper time, and call on us to sign such requisition." This agreement was signed by ten gentlemen, the names of whom we subjoin, with the number of shares held by each:—Messrs, G. Blakeway, 148; G. Walters, 80; C. W. Steel, for Thomas Steel, Rev. M. Steel, Rev. H. Steel, etc., and self, 128; J. C. Hill, Abergavenny, 51; J. Wallace, 30; J. Jamos Price, 30; J. M. Morris, 20; G. J. Williams, 20; Rev. R. W. Whitford, 15; and Charles Pearson, 10. The meeting the separated.

CARBERRY WEST MINING COMPANY.—An extraordinary general meeting of shareholders in this company was advertised for one o'clock on Wednesday, at the office of the South Cork Mining Company, Nag's Head-court, Gracechurch-street, for the purpose of empowering the trustees to effect a sale of the plant and lease of the mine. On our reporter making his appearance, he found that the shareholders were nones, and the office, probably through some minunderstanding between the ruling powers, divested of furniture, &c., and there was in consequence no meeting. It, however, understood to be the intention of those who still hold the reins of management to effect a prompt sale of the venture for whatever it will fetch; but they will, doubtless, refrain from testing the feeling of speculators on the subject until the bidding for the South Cork, another Irish mine, is made known.

The expirals at Scanesa include the contraction of the subject until the bidding for the South Cork, another Irish mine, is made known.

The arrivals at Swansea include-from Caldera, 700 tons of copper ore, The arrivals at Swansen include—from Caldera, 700 tons of copper ore, 320 tons of silver ore; from Coquimbo, 320 of copper regulus, 150 tons of copper ore; from Algiera, 150 tons of copper ore; from Cuba, 320 tons of copper ore. During the previous week, they were—from Cuba, 3489 tons of copper ore; from Bergen, 120 tons of copper ore; from Caddera, 525 tons of copper ore; from Caddera, 525 tons of copper ore; from Caddera, 525 tons of copper ser; from Rouen, 100 tons of copper size.

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### Mining Correspondence.

#### BRITISH MINES.

BRITISH MINES.

ALFRED CONSOLS.—The lode in the 140, east of Field's engine-shaft, is as last reported. The lode in No. 1 winze, sinking below the 130, east of this shaft, is worth for copper ore 751, per fm.; the lode in this level, east of aid shaft, its worth for copper ore 751, per fm.; the 160 so unth of Davey's engine-shaft, there is no change to notice since the last report. In the 60, south of Davey's engine-shaft, there is no change to notice since the last report. In the 60 south of said shaft, the ground is hard. We intend suspending the driving south, and resume driving east on the south part of the lode in this level. The lode in the lines sinking below this level, east of the flookan, is worth for copper ore quite 201, per fm.; this looks like the top of the bunch of ore which is in the 80 under this ground.—M. Wairrs: Sept. 17.

BASSET GRAZE UNITED.—At Wheal Widden, we have cleared up the shaft 10 fms. below the adit level, but have not met with any cross-cuts towards the lode, which the old people say are 12 fms. The pitches here are looking well, and turning out a good quantity of jack, with stones of copper ore as usual, and the water falling back. We have nothing new in the 30 or 44 cross-cuts. I have put the shaftmen to sink the north shaft to communicate with the cross-cuts in the 41, which will ventilate the mine and prove the lode. At williams's, we have a good bouch of lead roe 6 inches wide in the bottom of the middle adit, which is looking very promising, and as we are so near the cross-course 1 think there is every chance of having a good lode of lead.—J. Rocess: Sept. 15.

BEDFORD CONSOLS.—The lode at the east shaft is 5 ft. wide, and has much improved during the week, being larger, and forming itself in the north wall with a less underlay; it is producing good rocks of copper ore in the gossan, with every propect of a good course of ore shortly. At Lady Bertha, they have a course of ore Interest of a good course of ore shortly to report the same result here. In the middle level, dri

this place.—J. Habit?: Sept. 20.

BEDFORD UNITED.—During the past week we have intersected and cut through the lode in the 130 fm. level, east of the slide, and have commenced driving east on its course. We find the lode to be 2 ft. wide, producing good stones of ore; at present it is somewhat disordered, on account of its being so near the slide; however, it has every indication of an improvement shortly. About 4 fms. to the east of the point of intersection, there is a winze sinking down from the 115, and about 5 fms. below the bottom of the level we have cut into the lode about 18 in., which we find to be good work. We shall not cut through the lode here at present, fearing that by so dioing we shall let down a great quantity of water, which would greatly retard our progress in sinking the winse. In the 130 west he lode is 4 feet wide, composed of spar, mundic, and stones of ore. The lode in the 115 cast is 3 ft. wide, worth 4 tons of ore per fathom. In this level west the lode continues to yield saving work. The stopes in the back of this level are worth from 7 to 8 tons of ore per fm. The lode in the 103 is 2½ ft. wide, composed of spar, mundic, and good atones of ore cocasionally. Jackson's stopes in this level are worth 6 tons of ore per fm. Nothing new in any other part of the mine since last report.—James Prilliars: Sept. 19.

BOLENOWE.—In the 50 fm. level cast the lode is 2 ft. wide, and letting out more

Jackson's stopes in this since last report.—James Phillips: Sept. 19.

other part of the mine since last report.—James Phillips: Sept. 19.

BOLENOWE.—In the 50 fm. level east the lode is 2 ft. wide, and letting out more water than usual. In the 30 west the lode continues 3 ft. wide. Other bargains are without alteration.—W. Roberts: Sept. 15.

Mithout atteration.—W. Robers: Sept. 15.

BOTTLE HILL.—In the cross-cut north, in the 123, the ground still continues hard, great quantities of mundle, with large streams of water issuing therefrom, which indicates that we are approaching near the lode. The stope in the bottom of the 100 fm. level is looking well; the lode is 3 ft. wide, good work for tin. The stopes in the back of the 21 and 34 fm. levels are not so productive at present as they have been for some time past. The cross-cut north in the 12 fm. level is without any change to notice.—South Lode: No alteration to notice since last report.—J. Giffpand: Sept. 19

BRYNEUR MALL.—We have nease through More of congregation to both.

notice.—South Lode: No alteration to notice since last report.—J. Gifffand: Sept. 19.
BRYNFORD HALL.—We have passed through 5 fms. of orey ground in the 50 fm.
level west in Milwr vein, which on the average will yield from 1½ to 2 tons per fm.
The forebreast is at present unproductive. The vein, however, still continues its
usual strength, and we anticipate a speedy improvement. The stopes are yielding
very well. We have better ground for driving in the 50 fm. level cast on Woodland's
vein. At Matthew's, the shaft (6 fms. below the 30 fm. level) has come into proximity with a vugh, 10½ fms. deep and 5 fms. long; this will very much facilitate the
sinking, which can be completed for 21. 10s. per fathom to the bottom, and advantage
taken for a level castward for 5 fms. All parts of the mine are moving to our satisfaction.—W. Flancis: Sept. 20.

BRYNTAIL.—The lode in the 10 fathom level is again 1½ foot wide, producing

faction.—W. Francis: Sept. 20.

BRYNTAIL.—The lode in the 10 fathom level is again 1½ foot wide, producing stones of cre, as much as 1½ cwt. in each; these splendld specimens of solid ore are found detached in the lode; the two men working the last core at night broke about 6 cwts. from it. We have cleared up the pit at surface, in which we have found a small branch of ore, similar in character to that in the 10 fm. level. I shall now dial the ground, to ascertain the position of the end, and unless anything occurs to alter my present views, I shall commence sinking a shaft from surface on the course of the lode.—I. Ragen: Sept. 20.

BUTTERDON.—As we extend north in the 43 fm. level the lode gradually improves; it is at present 1 foot wide, composed of can and lead ore, saving work, and presents a better appearance than I have seen it at any former time.—T. Generally, and presents a better appearance than I have seen it at any former time.—T. Generally, and favourable. The cross-cut from the engine-shaft, to intersect the south lode, is in good ground, and the men making good progress. The 20 west continues without alteration. The stopes over this level are looking well, being 15 ft. wide. Our surface operations are going on well. The 25 tons of lead ore sold for 151. 10s. 6d.—E.

face operations are going on well. The 25 tons of lead ore sold for 151. 10s. 6d.—E. STEDMAN: Sept. 18.

CALSTOCK UNITED.—There is no alteration in either of the drivings since last report; the cross-cuts are still letting out a quantity of water. The engine and machinery are working well, and keep the water with case.—W. Cooke.

CARNYORTH.—Since our last meeting, we have extended the 52 fm. level west from the engine-shaft 15 fathoms; the lode is 20 in. wide, producing in. The 42 fm. level has been driven 16 fms. through tin ground, which will pay to work on tribute. The 16 fathom level has been driven 14 fathoms, opening good tribute ground. The 30 fm. level has been driven 10 fms. through tin ground, which will pay to work on tribute. The 16 fathom level has been driven 12 fathoms, some part of it through tribute ground. The adit level has been driven 12 fathoms, some part of it through tribute ground. We are sinking Pearce's shaft below the 42 fm. level, by six men; the lode in the shaft is looking well, and we are of opinion that this mine will do well for the adventurers. We are convinced that there is 1004. worth of tin on the surface more than at the last meeting.—J. CARTHEW; T. TERMBATH; J. WALLIS: Sept. 11.

CARRACK.DEWS UNITED.—At Eley's shaft, the men have been putting in a sollar, &c., in thebottom, preparatory to driving cast and west; they are now engaged in dividing and casing the shaft. At Battery, the shaftmen have been fixing penthouse, shaft sollar, &c., and have only just commenced sinking under the 30 fathom level. We are getting on as fast as possible with the wince from the 10 to the 20, which is necessary for ventilation. This and the work in the shafts preparatory to further sinking bave prevented us taking down any lode in the ends, &c.; we have, therefore, no change to note as to the value per fathom, &c., of any of the lodes. We shall proceed with the sinking of the shafts as soon as possible.—W. Hollow, jun.; Martin Duns: Sept. 17.

CARVANNALL.—In the 118 fm. level west the lode co

therefore, no change to note as to the value per fathom, &c., of any of the lodes. We shall proceed with the sinking of the shafts as soon as possible,—W. Hollow, jun.; MARTIN DUNN: Sept. 17.

CARVANNALL.—In the 118 fm. level west the lode continues 2 ft. wide, kindly, with stones of ore. The 168 west has been suspended for the last few days, and the men are put to rise against a winze sinking under the 96 for ventilation, &c.; the lode in the 166 continues as last reported, worth 201, per fm. We hope to sample next time about 60 tons of ore.—W. Roberts: Sept. 15.

CARVATH UNITED.—We have opened out on the lode in the 10 fm. level about 31 fathoms, and have a good tinney lode still in the western end, and in some places there are good stones of copper, but it is not so good east, although we have good stones of tin here. The engine-shaft is sinking rapidly for the 20, at 21, per fathom. We have large heaps of tinstuff accumulating at surface. We have commenced to take out the foundations for the stamping-engine, and have every prospect at this time of laying out a great and good mine.—J. Webb: Sept. 19.

CLEW BAY.—In the beginning of this week the men were engaged putting in a brace and shaft piece, and casing Boyle's shaft, which is completed above the adit to surface. The progress of the labourers in making the drain and alonjug the bank has been impeded by meeting with large rocks, which they have had to blast; the stones, however, we shall find very useful for lengthening the wall on which we are execuing the horse-whim, and which we found necessary in order to properly secure it. In the latter part of the week all the men (masons, sawyers, and labourers) have been employed in getting the span beam of the whim up in its place, and quite to my satisfaction. I have sent to Galway for the ironwork, and I expect the remainder of the timber for the whim, &c., to-morrow, and will get it completed as speedily as possible. I think the shaft under the adit will have to be enlarged, it having been built for a mere tr

engine, with the pitwork, are working well.—J. Trawnis: Sept. 13.

CWM DARREN,—In the 40 fathom level, driving west of engine-shaft, the lode is large, and spotted with lead ore, but not to value. In the stope in the back of the 40 the lode is about 4 ft. wide, yielding 5 cwts. of copper ore per fm. In the stope in the back of the 30, cast of Morgan's winze, the lode is 2½ ft. wide, producing from 8 to 10 cwts. of copper ore per fm.—A. Warrus: Sept. 18.

CWMDYLE.—In No. 6 level we have cleared out the old workingsicut into at No. 1 stope; is the bottons we find a lode, 3 ft. wide, producing very rich ore. In No. 2 and 5 stopes, the north ground being removed, we have some good ore ground opened, which will greatly enhance our returns, both in quantity and quality. Together with the ore being broken in No. 7 level, we may expect better results. At Pascot's lovel we are breaking some good ore, a cargo of which being ready, it will be shipped on Monday or Tuesday next.—T. COLLVER: Sept. 13.

DEVON WHEAL BÜLLER.—The lode in the eastern gad is greatly improved, and producing some good saving work, and every foot driven gives a better prospect in this part of the mine. The western read is looking better, and is nearly all saving work. The western shaft is daily improving, the lode about 3 feet wide, composed

of beautiful soft spar, and black and yellow ore, almost all of which must go to pile. I have no hesitation in saying we must have a course of ore close by this shaft. We have already sent to Lophill Quay about 20 tons of ore, and although our sampling may exceed 40 tons, I do not think we can make up 50 tons in time for Wednesday next, to get the ore round to the quays.—W. Nell.

may exceed 40 tons, I do not think we can make up 50 tons in time for Wednesday next, to get the ore round to the quays.—W. Naille.

DYFNG(WM.—The 60 has been driven 1 fm.; it will now produce more. In the above driving produced about 3 tons to the fm.; it will now produce more. In the 60 west 2 fms. 2 ft. have been driven on the lode, which has produced on an average 4 tons to the fm. The appearance of the forebreast is good; it opens on richer ground than we have yet seen in the 60. The winse has been anux 5 ft. 8 in. below the 50, and cut into the 60, giving a free circulation of air there, and enabling us at once to work in the 60, with the utmost vigour. We stoped about a fm. of ground in the side of the winse, within 3 fms. of the bottom, to increase its size; this working and atope produced about 3 tons to the fm. The 50 west has been driven 4 ft. 4 in. further on the south lode; this end is not so rich; it produced about 10 cwts. to the fm. On the side we stoped 3 fms., producing about 25 cwts. to the fm.; this is on the north lode on the side of our former drivings. In the back of the 50 west, in the western stope. 6 fathoms 2 feet 6 inches of orey ground have been driven, producing 45 cwts. to the fathom. In the middle stope, 5 fms. produced 30 cwts. to the fathom. In the stope next the winze, 6 fms. 2 ft. produced about 10 cwts. to the fm. and risen 1 fm. of t. 6 in. in the back of the 50 producing about 10 cwts. to the fm., and risen 1 fm. of t. 6 in. in the back of the stope through the 40 cast, and 2 fms. 4 ft. 8 in. of orey ground stoped on the north lode, producing about 10 cwts. to the fm. and risen 1 fm. of t. 6 in. in the back of the stope through the 40 cast, and 2 fms. 4 ft. 8 in. of orey ground stoped on the north lode, producing about 10 cwts. to the fm. Me have been able to draw and dress lead ore expeditiously up to the commencement of last week. From the date of my bi-monthly report up to the present time the water in the rive has been decreasing, so that we have to trust to our reserv

had not failed, the 41 tons would have been 50 tons.—E. Davies: Sept. 8.

EAGLEBROOK.—The engine-shaft is now sunk 7 fms. 3 ft. below the 10 fathom level; the ground is now more favourable for sinking. We hope to be down to the 20 in about six weeks from this time. The lode in the shaft has a kindly appearance, containing much carbonate of lime and clay-slate, with occasional stones of lead and blende. The 10, west of the shaft, is now extended 13 fms.; the ground in the end is still very hard, and letting out much water, composed chiefly of porphyry and veins of white spar, with a mixture of lead and copper, about 5 inches wide, on the south wall. In the 10 fathom level, 13 fms. 4 ft. cast of the shaft, we have driven a cross-cut south 1 fm. 2 ft., and have intersected some small branches of lead and gossan; we intend continuing this cross-cut on to the south wall of the lode. All our surface operations are gaing on well. The masons will finish the walls of the crushing-house in a few days. Some parts of the castings for the crushing-mill will be on the mine next week. We shall finish levelling ground for our dressing-floors next week.—H. Track: Sept. 16.

EAST BLACK CRAIG.—In driving south from the plat, in the 43 fm. level, the

— H. TYACK: Sept. 16.

EAST BLACK CRAIG.—In driving south from the plat, in the 43 fm. level, the men have a very strong sparry lode, and very troublesome for breaking, owing to the water coming through it. The 33 end west is without change; the lode still spotted with lead. In the 22 end west the ore seems declining; and we have put the men to sink a winze on the west end of the ore ground, to ventilate this and the level below. The pitches are much as last week.—R. Williams: Sept. 17.

The pitches are much as last week.—R. WILLIAMS: Sept. I7.

EAST WHEAL GEORGE.—The sinking of the engine-shaft is progressing satisfactorily, ground as last reported, favourable for sinking. The tributers are working with spirit, and busily engaged in dressing up their ores.

EAST WHEAL RUSSELL—We are progressing with the 66 east with all possible speed; we are still driving on the south part of the lode. We have commenced to drive a cross-cut north, to cut the main part of the lode in the present end of the 55 east. The winze in the bottom of the level is still producing stones of grey and black ore. Our operations all through the mine are progressing satisfactorily, and our prospects in view looking very promising. Capt. Seccombe was here, and inspected the mine yesterday.—W. METHERELL: Sept. 20.

ESCALE MAYN.—The engine-shaft is sunk 6 fers. 3 ft. below the 40, but nothing.

drive a eross-cut north, to cut the main part of the lode in the present end of the 55 cast. The winze in the bottom of the level is still producing stones of grey and black ore. Our operations all through the mine are progressing satisfactorily, and our prospects in view looking wery promising. Capt. Secombe was here, and inspected the mine yesterday.—W. METHERLEL: SOFt. 20.

ESGAIL MWYN.—The engine-shaft is sum 6 fms. 3 ft. below the 40, but nothing has been done done and sinking since Monday night, when the me communicated the therefore, unawards sinking since Monday night, when the me communicated the therefore, unawards sinking since Monday of the work of the working has been reached, but hope to get a lift of pumps ready to work by Monday evening next, and as soon as the mine is drained will give you all possible information on the subject. In the 40 west the lode is large, and has greatly improved, now containing small bunches to the subject of the bottom of the 20, west of Harris's winner, the lode is worth 10 cwts. of ore per fm.—The bottom of the 20, west of Harris's winner, the lode is worth 10 cwts. of ore per fm.—S. Vial; J. Pavil.

EXMOUTH AND ADAMS UNITED.—Porter's shafts into we must below the 40 fm. level about 3 fms.; the ground is saill favorable. We have not yet intersected any other lode in the 40 fm. cross-cut. We have commenced driving on the middle lode north in the 40, where the lode is worth 1 ton per fm.—In the 20 south there is no alteration since my last. In the 20 north, on the barytes lode, the ground is now interaction since my last. In the 20 north, on the barytes lode, the ground is now interaction since my last. In the 20 north my last the producing about one-third of a ton per fm., on the barytes lode, the ground is now interaction and the subject of the our near neighbourhood to a mine which has been rich and profitable, respects of Fee Donald Mine to be very good.—W. C. VIVIAN: Sept. 17.

GAWTON UNITED.—The lode in the 36 fm. level is producing good stones of copper ore. We have broken some aplendid rocks of ore from the back of this level, and shall let it on tribute. There is every prospect of the ground between this level and the 24 paying the cost of the mine. The lode in the 24 me, twel is looking well for a great improvement upon cutting the junction of the Okel Tor lode. There is a strong stream of mineralised water gushing out from the end, where we are breaking good stones of ore. All other operations are progressing well, and I hope, ere long, to see Gawton United in the list of mines paying profits to the adventurers.—J. HAMELY.

GEIFRON.—The engineers are getting on with the erection of the wheel. If the reather continues fine, I hope it will be completed in a week or ten days. I have no iterations to report in our underground department in the past week.—Sept. 15.

alterations to report in our underground department in the past week.—Sept. 15, GREAT CRINNIS.—This mine continues of the same promising character as last reported. We are driving cast and west upon the flat lode lately cut so rich in the 35 fm. level, which continues to open well; the lode in the western end has been disordered, and heaved a little by a cross-courae, but is now resuming its former character; the end going cost continues good, with a rich lode in it. We are laying the ground open for tributers, and intend setting two pitches upon this lode next setting-day, which we think will let at very low tribute, as there is a considerable quantity of very rich ore in sight. The tribute pitches on the middle lode engine-shaft have very much improved since last reported, and the whole of the copper department is looking better, but the silver pitches are not looking quite so well; these, however, are subject to continual changes, and we hope soon to see a favourable one. We shall enaughened to continual changes, and we hope soon to see a favourable one. We shall enaughened for sinking for sinking the engine-shaft down to 120 fms, with a view of exploring the great lode at that depth, as it is the opinion of experienced miners that Old Crimis is likely to resume its former riches in depth, and that it is well worth the trial which we have determined to give it. In future we shall cample every month the silver and copper alternately.—Sept. 19,

GREAT ONSLOW CONSOLS.—There is no change to notice in the engine file lode in the 72 west has not been taken down since last report. The file rise over the 72 continues favourable. The lode in the 60 west is went shown for ore. The different stopes throughout the mine are, on the whole same as last reported.—G. RICKARD: Sept. 19.

the same as last reported.—G. Rickarn: Sept. 19.

GREAT POLGOOTH.—We have driven through the elvan in the 166 fm, which at this point is 6 fms. thick, and cut the lode on the south side, as we cipated; we have opened on the lode a few feet, and find it about 3 ft. wide, or ing some good tinwork, and at this point worth about 2 cuts. of tin per 100 From the angle of intersection, it is probable that the lode is thrown back, evened westward, so that the full advantage cannot yet be accertained. The vinze in the 96 fathom level is holed to the 166 fm, level. The No.1 winze 106 fm, level is also holed to the 116, which is driven about 6 feet east of this good appearance for tim. The pitwork, &c., at the new engine-shaft has beened and everything put in order for sinking to the 126 fm, level; the shaft is now 3 fms. below the 116, with good ground for sinking. At our last setting day, a pitch in the 116 fm, level; to open this pitch, and see the full value of the take a full month; it has the appearance of being very good, and we hope to satisfactority on it in our next. The pitches in the 106 fm, level, and other part mine, continue to yield the quantity of tin anticipated; and the mine gene looking favourably.—J. Peckey; R. HANCOCK; E. DUSSTAN: 56pt. 19.

GREAT SHEBA CONSOLS.—The continued dry weather prevents the since the side and the since the since the since the

looking favourably.—J. Puckey; R. HANCOCK; E. DUNSTAN: Sept. 19.

GREAT SHEBA CONSOLS.—The continued dry weather prevents the sink the engine-shaft. The surface water has not been known to be so scarce for years. All the mines on the banks of the Tamar River are suffering even most ourselves from the same cause. The ground in the 50, both east and west from engine-shaft, is favourable. The pitch in the bottom of the 40 continues to about 4 tons of copper ore per fathom; the pitch in the back of ditto, 35 tons pitch in the bottom of the 20, 5 tons; the pitch in the back of ditto, 35 tons pitch in the bottom of the 20, 5 tons; the pitch in the back of ditto, 35 tons pitch in the bottom of the 20, 5 tons; the pitch in the back of ditto, 35 tons pitch in the bottom of the 20, 5 tons; the pitch in the back of ditto, 35 tons pitch in the bottom of the 20, 5 tons; the pitch in the back of ditto, 35 tons pitch in the back of

about 6 in. wide, composed of quartz, prian, mundie, and copper, the ground etinating much the same.—I METHERELL: Sopt. 20.

GREAT SOUTH TOLGUS.—The lode in the 80 fm, level is 1 ft. wide, unpressive. We have holed the winze sinking below the 60, and recommenced driving. 70, but no lode has been taken down in the past week. In the 60 the lode is 1 wide, producing some good ore—a very promising lode. In the 50 the lode is 1 wide, producing 3 tone per fm. In the 40 the lode is 2 ft. wide, producing 3 tone fm. The tribute pitches are looking well.—J. Daw: Sept. 15.

GREAT WHEAL BADDERN.—Our levels and stopes are much the same as reported. The tribute pitches are looking better, which you will see by the liq setting. Our dressing operations are getting on satisfactorily, and I think we shave a pretty good sampling by the end of the week.—J. ROOKER: Sept. 16.

GREAT WHEAL FORTUNE.—The ground in the 70 fathom level cross-cut, see from Harvey's engine-shaft, is still favourable, in a congenial stratum. The lose the 60, east of the above shaft, is 6 ft. wide, worth from 20/t. to 22/t. per fm.; the sover this level, cast of the cross-cut, is yielding good average quality instuff; i lode in the 60, west of the sold shaft, is 3 ft. wide, worth 171, 10s, per fm. for the acopper ore. The south part of the 50, west of Copper-house shaft, is 4 ft. wide, mothe same in character as when last reported, worth 164, per fm. The rise in the backs over are continuing to yield good quality work; the rich bunch referred to my last is not so good as then reported; the men are getting fair wages at six, thus, as the sum of the same in character as when last reported, worth 164, per fm. The rise in the backs over are continuing to yield good quality work; the rich bunch referred to my last is not so good as then reported; the men are getting fair wages at six, thus, when the same in character as when last reported, work, at 8s. tribute. The lode in the 30 west is 4 ft. wide, worth 17, 10s, per fm. The rise in the backs over are continuing

is improved,—S. S. NOELL: Sept. 19,

GREAT WHEAL VOR.—Main Lode: In the 70, east of Crease's cross-cut,
Wheal Vreah Lode, the lode is still worth 20t, per fm. The stopes east and west
ladder-road, east of grey ore shaft, are still producing good work for copper ore,
Trueman's Lode (Wheal Growse): No. 35. The 10, cast of Woolf's causaire lode,
worth 30t, per fathorn, with every appearance of being still more productive,—Whe
Metal: No. 42. In the 70, west of shaft, the lode is worth 30t, per fm. No. 51. Th
winze in the bottom of the 40, west of shaft, is worth 30t, per fm. No. 5. The stope sat of No. 5 winze are worth 35t, per fm. No. 37. The stopes in the back of the 6
west of shaft, are worth 32t, per fathorn. No. 34. The stopes in the bottom of the 30 control of the 40, are worth 35t, per fm. No. 14. The stopes can be also not be 60, ast
No. 6 winze, are worth 36t, per fm. No. 14. The stopes east and west of the win
in the bottom of the 40, are worth 45t, per fm.
HAWKMOOR.—Owing to a searcity of water in the river, the shaftmen have be

No. 6 winze, are worth 30l, per fm. No. 14. The stopes east and west of the wins in the bottom of the 40, are worth 45l, per fm.

HAWKMOOR.—Owing to a searcity of water in the river, the shaftmen have be employed this week in shoding the western part of the sett. The lode is small by regular, and presents very favourable indications. In the 30 east the lode is 32 ft. wide, producing great quantities of mundic and fluor-apar, and some good stones; ore. In the 20 the lode is 23 ft. wide, worth from 2 to 3 tons of copper ore per favourable indications. In the 30 east the lode is 32 ft. wide, worth from 2 to 3 tons of copper ore per fm. We shall resume sinking the engine-shaft is 16 in, wide producing occasionally stones of tin. The lode in the rise in back of the 30 is 20 in, wide, producing some saving work for tin. The lode in the winze in below of it 15 is 20 in, wide, saving work. No alteration in the 13 cast since last report. It stope in the back of the 15 cast is still poor. I have taken the men from that and put them further west in the same levels to prove a plece of ground.

HERWARD UNITED.—The rise over the 30 fm. level, in Bagehaw's vein, Heals is now up 9 fms., the last 9 feet of which has passed through a rib of ore, averagifrom 3 to 4 inches wide. The 50 fm. level, driving south-east from Roshell'scrom Granger's vein, still continues hard for driving. We have auspended it for a feating with ore much superior to anything yet seen in this part. The ground the 50 fm. level, driving north-west on the vein, south from Whylid, is much mer favourable for ore. Werpe shaft is now down 14 ims., the ground being allitiess for sinking.—J. B. Liontoller: Sept. 20.

HOLMBUSH.—The lode in the ond driving east is very regular, producing 1 los ore per fm. The lode in the western stopes, in the back of this lovel, is producing 2 in or of ore per fm. The lode in the western stopes, in the back of this lovel, is producing 1 los ore per fm. The lode in the western stopes, in the back of this lovel, is producing 2 inc of

HOPE VALLEY.—The lode in the 47, driving south, is 1 ft. wide, and spotted w lead ore. The lode in the 30, driving south, is 15 in. wide, producing saving wor The tribute pitches now working are rather poor, but some of the tributers will wages.—J. Kreedons: Sept. 19.

wages.—J. Keeedone: Sept. 19.

IVTBRIDGE.—We have cleared the 58 fm. level south as far as it was driven by the former workers—viz., about 9 fms., and have since commenced driving conthous wards the course of lead gone down in the bottom of the 48, on which we have susk winze from 7 to 8 fms. deep, through a lode worth 30/, per fathom; we think 5 fms driving will bring us into good lead ground in that level. We are clearing the 3 north, and find the level in much better condition than we expected, and hope that of the 48 fm. driving will be for the present, for want of men. The 43 south its still a kindly lode. In the pitch in back of the 48 fm. level the lode is worth 35/, per fm. for lead. The other pitches as producing a fair quantity of lead, and the men making fair wages in their respective tributes. Operations are suspended in the 20 fm. level for the present, until the tributers, get their backs nearer that level. The new engine-shaft is going on very sais the tender of the computed 34 tons) are sold to R. Michell and Son, Truro; No. 1, 4 the cel of orce (computed 34 tons) are sold to R. Michell and Son, Truro; No. 1, 4 the 3 swits, at 17/. 2s. 6d.; No. 2, 14 tons 5 cwits, at 15/. 7s. per ton.—J. Cleno; H. MESWICK.—Our lode in the 40 fm. level continues to improve, although we had

JAMES: Sept. 20.

KESWICK.—Our lode in the 40 fm. level continues to improve, although web not yet got to the lying wall, it will yield quite 20 cyts, of ore to the fm.; it is tainly a fine lode, and a good discovery. The 30 north is also improving, as worth 12 cwts, of ore per fm.—a fine lode, and dikely to improve.—R. B. SHEFREE.

worth 12 cwts. of ore per fm.—a fine lode, and likely to improve.—B. D. olikeless kILRAINE.—In the 20, driving east, the lode is 2 ft. wide, producing 10 csts. lead ore per fathom. In the same level west the lode is very much disordered have put the men to cross-cut south, as I think there is another part of the leathed in the distriction. In the 8, driving east, the lode will produce 1 to a cit ore per fathom. The stopes at the 8 will also yield 1 ton of ore per fathom. Afface, the horse whim-engine is completed for drawing the water and stuff, and swere both purposes very well. We have commenced dressing, and hope shortly have a parcel of ore ready for market.—E. Rookhes: Sept. 18.

LADY ERETHA—Language in inform we that this mine never looked so well.

have a parcel of ore ready for market.—E. Roders: Sept. 18.

LADY BERTHA.—I am glad to inform you that this mine never looked so will as it does this morning, every foot we sink the lode becomes richer both in quantity and quality, and our prospects areof the most cheering character. I have seven girls, two men, and a boy, dressing ore, and must increase hands as fast as I can get floor ready, which I am doing as speedily as possible. I must get up a crusher at one, so or returns depend much on that, for I shall commence to drive a 10 fm. level near tweet, and sink the winze at the same time, and all in a course of ore. I am sinking a wins and sink the winze at the same time, and all in a course of ore. I am sinking a wins to commence to drive a 10 fm. level east to meet the ore coming west, to ventilate the commence to drive a 10 fm. level east to meet the ore coming west, to ventilate the mine, and open up tribute ground. The mine being so young, my writing about tribute and courses of ore must seem strange, but not more strange that rue.—W. Gosbute and courses of ore must seem strange, but not more strange that rue.—W. Gosbute and courses of wheat All A.—The 50 fm. level is being driven on the cents.

LAMHEROOE WHEAL MARIA.—The 50 fm. level is being driven on the cof the lode about 7 fms. west of the cross-out at Jessie's shaft; the lode continues of the lode about 7 fms. west of the cross-out at Jessie's shaft; the lode continues of the lode of the cross-out at Jessie's shaft;

I.AMHEROOE WHEAL MARIA.—The 50 fm. level is some joint code continue of the lode about 7 fms. west of the cross-out at Jessie's shaft; the joint competition of large, and still carries a strong capel, with mundic, prism, and spar, intermise copper; upon the whole, the indications are such as to reasonably warrant pertation of large deposits of ore at a greater depth.—Sept. 17.

LEEDS TOWN CONSOLS.—The lode in the 40 fm. level, east of enginess still poor, but it continues its size, and we consider the indications are large No alteration in the ground in the south cross-cut. The ground in the 50 set Not for the flockam, is not quite so favourable for driving. I came suddenly upon wolfram to-day in the flockam, which induces me to expect a good lode as so wolfram to-day in the flockam, which induces me to expect a good lode as so well as the strength of the strength o

NANTEOS AND PENRHIV.—The weather still continues very dry, and our ponds at present are quite out of water. The lode in the Eystumtean deep said, driving est, is about 2 fit, wide, composed of killas, quarts, and blende, with a slight mixture of ore. The distance now between the two deep levels does not exceed 60 fmr.

NANT-Ydit level, s nors favou us late las hos, per ti losents: NORTH th wide, the lode with product of the NORTH ing favour bouse at E

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gine-shaft, is improving30 south, on upon some, or upon some is soon as we see 10 and 20, search the least four to do efficient to the last four to do efficient so the last four to do efficient so the last four to do efficient so the same and it at the branch (respectively so the same and the last four the last four to do efficient so the americal south in the last four to do efficient so the same and the last four the last four to do a merical south in the last four the

SANT-Y-CAR.—We have at last cut into a part of the lode in the end of the lower size level, south side of the hill, and I am proud to say that the appearances are much seen favourable than I expected. We have only as yet cut into a part of it, and it us late last night when we did so, consequently I cannot give you full particulars. I sun, per this day's mail, sent you a box containing a fine lump of the lead.—W. V.

see favourable than I expected. We have only a yet et into a part of it, and I sea state last night when we did so, consequently I cannot give you fail particulars. I see, Fer this day's mail, sent you a box containing a fine lump of the lead.—W. V. 1823III: Sept. 20.

NOETH BASSET.—In the 52 fm. level, driving west of Grace's shaft, the lode is did will produce 2 tons of core per fm. In the 42, west of Grace's shaft, the lode sill groduce 2 tons of ore per fm. There is no alteration to report on in any other plat of the nime.—T. GLASVILLE: Sept. 13.

NOETH DOWNS.—The men in the cross-cut, at Michael's shaft, are progressing favourably, and so are those engaged in clearing out the foundation of the enginess at East North Downs. The masons have incased the boilers at Treleigh, and may are now removing the brickwork. We shall commence carrying stones on Monday are now removing the brickwork. We shall commence carrying stones on Monday are now removing the brickwork. We shall commence carrying stones on Monday are now removing the brickwork. We shall commence carrying stones on Monday are now removing the brickwork. We shall commence carrying stones on Monday are now removing the brickwork. We shall commence carrying stones on Monday are now removing the brickwork. We shall commence carrying stones on Monday are now removing the brickwork. We shall commence arrying stones on Monday are now removing the brickwork. We shall commence arrying stones on Monday are now removered to the shall be commenced to the commence of the shall be commenced to the shall be

Imported, and I believe we are very near to a good course of copper ore,—WILLIAM MEDLEN: Sept. 19.

OLD TREWETHER CONSOLS.—The lode in the end of Wheal Thomas has improved, being now 5 fect wide, composed of flookan and spar, with a quantity of mendic, and still producing good stones of copper ore, with some lead; this level is driven from the shaft 100 fms. on the course of a most promising lode, and by conamula the end in the same direction we shall intersect another lode, which is seen on the hill, and running north and south; there are also two large clvans running parallel with Wheal Thomas lode, and highly mineralised, which in all mining districts are considered the most congenial of all rocks to the growth of mineral substances, and it is the opinion of most practical miners that Wheal Thomas lode cannot fall in depth of producing large returns to the adventurers.—S. Keasy: Sept. 19.

OBSEDD.—In the 40 we have met with a cross-cut joint, and it is rather close at present, but is producing good stones of lead ore. The winze in the bottom of the 20, on east lode, is rather tight at present, producing 7 cwts. of lead ore per fathom. The pitch in the level worked by two men is producing 5 cwts. of lead ore per fathom. The pitch in the level worked by two men is producing 5 cwts. of lead ore per fathom. The pitch in the new lode is producing 5 cwts. of ore per fm. The pitch in the bottom of the vest level will produce 5 cwts. of lead per fm., worked by three men. The pitch in back of the 10, worked by three men, is producing good lead; this pitch is fooking considerably better. The winze in the bottom of the 10 is 20 in. wide, producing a little lead, with a favourable prospect of improvement.—W. RAMSDEN.

PEMBROKE AND EAST CRINNIS.—Hunter's District: In the winze sinking in the bottom of the 30 no lode taken down since last reported. In the cross-cut drivings not hin the 70 the ground is still favourable. The shaften at Reid's are busily engaged in putting in bearers and cistern for the reception of the lif

remains wite and to you inst. R. Davies: Sept. 17.

PRINCE ALBERT CONSOLS.—The ground in the shaft is easier for sinking than it has been for some time past, and we are progressing very favourably.—Richand Davis: Sept. 17.

RIGONVIPIAL AND BACHEIDDON.—The 60 fm. level has been driven 5 fms. 41. 6 in, parallel with and taking a small portion of the lode; the ground is more kindly for driving, more congenial for ore, and the lode appears spotted with lead, at the end of the present month's driving we shall be under where the lode begins to make ore in the 40; we shall in the leat week cross-cut through, when we expect to find it productive. The 40 has been driven 1 ft. 6 in, further south-west on the east-raised of the cross-course; the lode was unable to bear through the latter, but after taking down a great balk of the lode we found a rib of lead running with it. Up to find it productive. The 40 has been driven 1 ft. 6 in, further south-west on the cast-raised of the cores-course; the lode was unable to bear through the latter, but after taking down a great balk of the lode we found a rib of lead running with it. Up to the present time the rib of lead is an snot only continued, but has improved in richness; we shall drive along it as long as the lead continues. On the side of level near the end we have taken down another width of lode, containing 4½ fms. of ground, which produced nearly 2 tons of ore to the fm.; this, added to the 5 tons to the fm. before, makes the produce about 7 tons to the fm, and at the present time there is quite as much lead left as appeared in sight the first month—this will again be taken down in due course. In the stope behind this driving the men have not quite finished their bargain, when completed it will be about 15 tons, to the fm. has been driven long at branch lode, which produced about 25 cwts, to the fm. We are busly cembered the produced about 20 cwts, to the fm. We are busly cembered the control of t

have stopped sinking, and put the men to cross-cut the lode at the above depth. The eastern end in the 40 fm. level has improved, and is now worth about 3 tons per fathom. In the western end in the same level the plat is nearly completed, when we shall again result the district of the same level, when we shall again result the same level, are worth 12 tons per fm. Gribbon's stopes, in the back of the same level, are worth 10 tons per fm.; and the winze in the bottom of the same level is worth 3 tons per fm. Theyer's pitch, in the back of the same level, has very much improved—so much so, that it is now worth 6 tons per fm. The pitch west of the shaft is turning out good work, and the pitches in the back of the 30 fm. level are also looking well. We are petting on as well as possible with our dressing, without the aid of a crusher.—James Metarseal.: Sept. 20.

SOUTH BEDFORD CONSOLS.—I have nothing new to report this week, no change of importance having taken place.—J. Phillips, jun.: Sept. 19.

Suportance having taken place.—J. Prillips, jun.: Sept. 19.
SOUTH CRENVER.—We have sunk the engine-shaft about 6 fms. below the 64, 221, per fathom. In the rise in the back of the \$4, west of flat-rod shaft, the lode is 1 foot wide, producing stones of ore. In the 74, east of engine-shaft, the lode is 36, being still hard. In the 64 end, east of Gore's, the lode is 15, to 2 ft. wide, and will turn out 1½ ton of ore per fathom. The stopes in the back of this level, cast and west of Gore's winze, are looking very well. In the 54 end, east of Gore's, the lode is 15 end, east of Gore's winze, are looking very well. In the 54 end, east of Gore's winze, are looking very well. In the 54 end, east of Gore's winze, are looking very well. In the 54 end, east of Gore's the lode in the mine is without much alteration since last report.—John Delebelde; Edward Cardenx: Sept. 15.

SOUTH DEYON GREAT CONSOLS.—The lode at the engine-shaft has not been him down during the past week; the ground continues hard and troublesome, which is cossioned by numerous branches of spar and capel passing through the shaft, videally belonging to the lode. In driving the 37 fm. level west we have met with a loke, bearing nearly east and underlying south about 11 § ft. in a fm.; it spears to be about 18 in. wide, of a kindly appearance, containing spots of ore. In driving the 37 m level west we have met with a loke hearing nearly east and west, and underlying south about 11 § ft. in a fm.; it spears to be about 18 in. wide, of a kindly appearance, containing spots of ore. In driving westward this lode will soon unite with the lode in the end, and, as far as we can judge from its present bearing and underlie, it will form a junction with the lode in the shaft is most of the spear to be about 18 in. wide, of a kindly appearance, containing spots of ore. In firing westward this lode will soon unite with the lode in the end, and, as far as we can judge from its present bearing and underlying a junction with the lode in the 20 fm. level. The lode in the 10 fm. level is increased in size, but it is not so good either for tin or copper; but I hope, ere long, to have an improvement again.—John Paxon: Sept. 18.

point I shall be greatly disappointed. In the adit cross-cut we continue to meet with branches of spar, spotted with copper ore. The end is letting out more water than usual.—J. Cock: Sept. 19.

SOUTH ROBERT AND SORTHEIDGE UNITED. We have opened upon the south lode, which is 15 feet wide, composed of gessan, spotted with back copper ore, the strate being precisely similar to Sortridge Consols and North Wheat Robert. No. 2 of gessan and quarts, of a promising appearance. We still prove the continuance of these lodes through the entire length of the sett, and I have no doubt of shorty making a south of the still the set of the store of

clearing the level west, to see the lode west of the cross-course. Any quantity of the not much, and the lode has a promising appearance, which we hope to see more about in auther month.

TRENOW CONSOLS.—The lode at the engine-shaft has very much improved this last week. The 80 fm. level west has also improved. The 70 fm. level cast is still looking well. In the 70 west there is no alteration since last report. The lode in the 60 fm. level west is 2½ ft. wide, all saving work for copper ore. The lode in the 60 fm. level cast is 2 feet wide, containing good stones of ore throughout. All our stopes and tribute pitches throughout the mine are looking well. At Carn Perran, we are looking very much better. On Friday, the 7th inst., we sold 124 bushels of tinstuff, which realised 147. 9s. 5d.—J. SMITH; T. BENNETTS: Sept. 19.

VALE OF TOWY.—At Clay's engine-shaft, the diagonal shaft sinking under the 30 fm. level, the ground is without alteration in the past week. In the 30 fm. level north the lode is 3 feet wide, producing 2½ too flead per fathom; south of Field's shaft, in same level, the lode is as last reported, producing good stones of lead. The lode in the 20 fm. level, driving south, is 2½ ft. wide, improving, producing 4 cets. of lead per fathom. Nothing done in the past week in bottom of the said level for want of men. Our tributers are working well, and I believe getting wages.—S. Thomas: Sept. 18.

Want of men. Our trouters are working well, and I believe getting wages.—s. Thomas: Sept. 18.

WELSH POTOSI.—Report of Esgair-hir and Esgair-firaith Mines: The rise No. 1, in the back of adit Esgair-hir, is a little improved, yielding 1½ ton of lead ore per fin. Wilkinson's stope, east of No. 1, No. 2 stope, west of No. 1, in the back of the adit, and the two new stopes in the bottom of the adit, east and west of winze under No. 1, are just as when last reported. No. 3 level, in the adit west of footway shaft, is improved, yielding 2 tons of lead ore per fm. No. 3 stope, in the back of the adit west of footway shaft, is yielding 1½ tons of lead ore per fm. Nos. 4, 5, 6, and 7 stopes, in the back of the 10 fm. level, west of footway shaft, is progressing favourably; 1 hope to communicate with the 10 fm. level driven cast from the winze, under No. 1, in the course of two months. At Esgair-ffraith bog shaft, sinking under the shallow add ton the course of the lode, the lode continues to improve in depth, producing at present good saving work for the crusher. The deep add tevel is just as when last reported. The dry weather retards our dressing operations very much.—R. Dunn: Sept. 18.

WEST COLLACOMBE.—The pitches are still looking well, and the men.getting

The dry weather retards our dressing operations very much.—R. Dunn: Sept. 18.

WEST COLLACOMBE.—The pitches are still looking well, and the men.getting
good wages. In the 67 fm. level east the shaftmen have driven about 6 ft.; the lode
is 2 ft. wide, composed of prian, capel, and spots of ore. I have put four men to
clear and secure the 52 east, and when cleared shall at once be driven; in the rise in
the back of the 52, east of cross-course, the lode is 3 ft. wide, producing good stones of
ore, and every appearance of improving going up. In the rise in the back of the 40,
east of cross-course, the ground is favourable for rising; the lode is 15 inches wide—
saving work. We are clearing and securing the different levels as fast as circumstances will admit. I must still recommend your driving the 67 fm. level west, as I
have every reason to believe you will have a good lode in that direction, judging from
the level above.—J. CLIMO: Sept. 19.

WEST PAR CONSO(18.—We have driven in the porth cross cut this week about

WEST WHEAL CARPENTER.—The end is progressing very satisfactorily; we see carrying the end 14, fit, wide, in a breatful goman; pure abs, per fathers it the lood is still argot to the north of the end, composed of gosan, quarts, and expel. We are sixting the shaft to the east of the end, where the look is of the same character, which is the progression of the control of the contro

Mr. R. Tredinnick, in his Subscription Circular, thus comments:—

"It will not have escaped attention that, although the exchanges at nearly all the neighbouring continental cities have risen to a point at which gold remittances can no longer be made from England at a profit, the efflux of the precious metal from this side has, as yet, received no decided check, although such a result is usually brought about by a tightening of the London money market. Again, although the continuance of fine weather has been the means of securing probably two-thirds of the crops in the United Kingdom, yet we are compelled to arrive at the conclusion, from statistics gathered from the best sources of information at our command, that the agregate crop for the year will be considerably under the quantity required for consumption, especially in wheat, which will be required to be made up by foreign importations. The fall of Sebastopol, we fear, is not likely to form the prelude to pacific negociations with Russia, and the pride and obstinacy of that power may render a trustworthy peace very remote and difficult to accomplish; however much to be desired, 'Peace and Plenty' seem as yet impracticable; therefore, a careful and economical use of the present harvest is imperative to guard as from the straits of furure searcity. The price of corn and catables will advance, and such circumstances usually act prejudicially to the interest of commerce and trade. The future consequently looks gloomy and desponding to the merchant, manufacturer, and trader; not so, however, with the miner. The advance in the price of money has no effect upon the yield of copper and tin mines of Cornwall and Devon, nor the lead mines of Wales and Cumberland; otherwise, than clearing the market of those ephemeral and valueless schemes concected for market operations in shares, regardless of the intrinsic value of the mines, or dividends hereafter paid; which usually become fosted upon the public at immense premiums, when speculation is rike and the money market

Mr. J. B. Brenchley, in his Price List, makes the following remarks:-

Mr. J. B. Brenchley, in his Price List, makes the following remarks:—

"Since our last, the market has been sluggish; but, judging from appearances, we hope to be able to report more active dealing in our next. West Seton is further improved in the 124; and the shares have been in considerable demand at from 420t. to 450t. Alfred Consols is looking better; the market is much firmer, and the price has increased from 13t, to 15t, 10s., 16d. Great Alfred is steadily improving. Carvannall continues to improve in the 106 fm. level west; the lode is worth 23t, per fm.; 3t, to 3t. 10s. Condurrow continues to benquired for at 120t. to 125t., with a fair prospect of their going higher. North Basset, cousiderable enquires made at 22t, 1 the last ale was '41t tons of copper ore, realising 4872t. 11s., and as they continue to sample each month nearly as much, it will not be long ere the shares will be at a higher figure. Rosewarne continues to meet with much support; the shares are not quite so firm; the dividend, in a few days, will be 8t., with a balance in hand of upwards of 1000t. North Unity is one of the most promising mines is Gwinear district (adjoining Rosewarne). The accounts at the last meeting showed a balance in hand of nearly 1800t.; they have about 30 tons of copper ready for sale: the mine is generally improved; recently a fine lode in the 60 has been cut; that at the Moor shaft presents every feature for a profitable return; the shares have been in demand, and mast advance. East Basset is enquired after at from 47t. 10s. to 50t. 13t is simulate between North Basset and Buller. Copper Hill, adjoining Buller, and formerly part of the set, has many supporters. A forther improvement would put the shares up considerably, the last having caused them to advance from 90t. to 185t., 190t. Buller and Basset United has been so puffed into notice, that it must be apparent it can have nothing in itself to recommend it, save being near productive mines, butfar removed from their lodes. At South Garras, the ongoine will

been raised; and the silver-lead realising about 191. per ton, it possesses every element of becoming a most profitable investment. We hear of a sett between Rosewarne and the once-remunerative Heriand Mines, in Gwinear, which is about to be re-worked in a spirited manner; the miners in the neighbourhood entertain very sanguine feelings of its proving an adventure of a more than ordinary character. A previous company expended a large sum in opening the mine, but were unable to proceed for want of suitable machinery to draw the water. Callacombe is spoken of as much improved. The Bret sale of 80 tons of ore will take place on the 20 inst. It is expected, judging from the prospects, that in less than six months the shares will be double their present price. In the Sortridge district, many mines have recently sprung into existence, since Sortridge Consols have proved so productive; those amongst them most likely to succeed, are foreat Sortridge and Weat Sortridge. Many of the others have nothing to recommend themselves at present; whilst the remainder cannot be viewed with other than suspicion, from the efforts to bring them into public estimation, by reports of the most unfounded description."

Successful Mining.—At meetings during the week 26,9351.4s. has been paid in dividends. Wheal Buller, 201. per share; Devon Great Consols, 91.; Spearne Moor, 11.; Wheal Mary Ann, 11.; West Basset, 12s. 6d.; Linares 10s.; Hingston Down Consols, 5s.; Carnyorth, 3s.; Lusitanian, 2s. 6d.

### Che Mining Market; Prices of Metals, Ores, &c.

Bottoms	Sheathing and boitsp. lb. 0 1 2	Brass (sheets)p. lb. 12%d. Wire 11%d.
Best selected p. ton 129 0 0 7 orgh cake p. ton 129 0 0 7 orgh cake p. ton 129 0 0 7 orgh cake p. ton 120 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
To arrive   23 12 6-23 15	Old (Exchange) ,, 0 1 0)6	
Tile		To errive 93 19 6-23 15
Bars, Weish, in London   9   15 0-10   0   0		10 41110 20 13 0-20 10
Bars, Weish, in London   9   15 0-10   00	***************************************	
Bars, Weish, in London   9   15 \cdot - 0   0   0     Ditto, to arrive   9   26 - 9   50     Nail rods   10   0 - 10   10     Nail rods   10   0 - 10   10     Nail rods   10   0 - 10   10     Stafford, in London   11   10 - 12   0     Hars   ditto   12   0 - 12   15     Brects, single   13   0 - 13   10     Sheets, single   14   0 - 13   10     Sheets, single   15   0 - 2     Sheets, single   15   0 - 2     Sheets, single   15   0 - 2     Sheets, single   16   0 - 2     Sheets, single   17   0 - 13     Sheets, single   18   0 - 13		
**Sersish in London**  **Oblito, barrive**  **Oblito, barrive**  **Oblito, and the local straight in London**  **Oblito sheet**  **Oblito sheet**  **Oblito sheet**  **Oblito sheet**  **Oblito patent shot to 26 10 0-27 0 oblito white.**  **Serdish, in kegs, to arr. 19 0 0	inon, per Ton.	TIN.
Ditto, to arrive	Bars, Welsh, in London, 9 15 0-10 0 0	
Nail rods   10 0 0-10 10 0		Ditto, Bars (in barrels) 127 0 0
Stafford, in London   11   10 -12   0   0     Hars   ditto   11   0 -12   10   0     Hoops   ditto   12   0 -12   15   0     Hoops   ditto   12   0 -12   15   0     Sheets, single   13   0 -13   10   0     Refined metal, ditto	Nail rods 10 0 0-10 10 0	Ditto, Refined
Straits	, Stafford, in London 11 10 0-12 0 0	Banca 126 10 0
## 18		Straits
Pig, No. 1, in Wales 5 00-5 5 0 Refined metal, ditto 8 0 0-8 10 0 Ditto, railway, ditto 8 10 0-8 15 0 Ditto, railway, ditto 8 10 0-8 15 0 Ditto, railway, ditto 8 10 0-8 15 0 Pig, No. 1, in Clyde 4 1 0-4 2 0 Pig, No. 1, in Clyde 4 1 0-4 2 0 Ditto sheet 25 0 0- Ditto rote lead 24 0 0-24 10 0 Ditto rote lead 24 0 0-25 0 0 Ditto white 26 10 0-29 0 0 Ditto white 26 10 0-20 0 0 Ditto white 27 0 0-27 0 0 Ditto plantsh, in bond 23 0 0- Lamorican none.  PORKION STEEL.  Swedish, in Regs, to arr. 19 0 0- English, Spring 21 0 0-22 0 0 English, Spring 25 0 0-24 0 0 English, Spring 26 0 0-21 0 0 English, Spring 27 0 0-24 0 0 English, Spring 27 0 0-25 0 0 English, Spring 27 0 0-25 0 0 English, Spring 28 0 0-21 0 0 English, Spring 28 0 0-21 0 0 English, Spring 29 0 0-21 0 0 English, Spring 20 0 0-21 0 0 English, Spring 2		
X Ditto lest quality   2 0 6-2 1	Sheets, single 13 0 0-13 10 0	
C Ditto 2d quality   1 12 6		
X Ditto 2d quality   1   18 6 -		
Coke   1		IC Ditto 2d quality , 1 12 6
Pig, No. 1, in Clyde	Ditto, railway, ditto 8 10 0- 8 15 0	IX Ditto 2d quality , 1 18 6
English Pig	ditto, Swed. in Lon. toar. 14 0 0-15 10 0	IC Coke 1 8 6- 1 9
English Pig 24 0 0-24 10 0 Ditto sheet 25 0 0 Ditto red lead 24 0 0-25 0 0 Ditto wheet 26 10 0-29 0 Ditto patent shot 26 10 0-27 0 0 Ditto patent shot 25 0 0 American 19 0 0 Ditto, in faggots 20 0 0-21 0 0 English, in kegs, to arr. 19 0 0 English, spring 21 0 0-22 0 0 English, spring 21 0 0-25 0 0 English, spring 21 0 0-25 0 0 English, spring 21 0 0-27 0 0 English, spring 25 5 6 English Spring 27 0 0-27 0 0 English Sprin	Pig. No. 1, in Clyde 4 1 0- 4 2 0	IX Ditto 1 14 6- 1 15
Reglish Pig		Canada platesp. ton14 10 (
Ditto rot lead.		
Ditto red lead	Ditto sheet 25 0 0	In London , 208. less at the works.
Ditto white		Vollage March Cheething on the 111/4 1
Ditto patent shot		
Spanish, in bond		
Americaka	Inanish in bond 23 0 0-	
PORKION STEEL.   Stirling's Patent   Glasg 5 5 6	American none	
Ditto, in faggots 20 0 0 -21 0 0 Ditto Wales 4 0 0 - 4 5 0 English, Spring 21 0 0 -22 0 0 Indian Charcoal Pigs 4 - 6 10 0		Surface Raisp. ton /
Ditto, in faggots 20 0 0 -21 0 0 Ditto Wales 4 0 0 - 4 5 0 English, Spring 21 0 0 -22 0 0 Indian Charcoal Pigs 4 - 6 10 0		Stirling s Patent   Glasg 5 5
English, Spring 21 0 0-22 0 0 Indian Charcoal Pigs } 6 10		Loughened Ligo
6 10		
PUCKSILVERp. lb. 1s 91/4d-1s 10d in London	English, Spring 21 0 0-22 0 0	Indian Charcon Light 6 10
	lvickstlvkap. 1b. 1s 91/4d-1s 10d	in London

REMARKS .- Our market continues much in the same position as last re ported. The demand for metals generally has been moderate, and there has been an absence of speculation to any considerable extent. The steadiness of the market has in some instances enabled sellers to obtain im-

ported. The demand for metals generally has been moderate, and there has been an absence of speculation to any considerable extent. The steadness of the market has in some instances enabled sellers to obtain improved sates, but with the exception of lead and sheet zinc, prices have tended downward rather than otherwise.

Corpen.—There is at present no change to notice; but although at the last meeting of smelters no alteration in prices took place, in consequence of the high prices of the raw material, buyers should bear in mind that the demand continues excellent from all quarters, and that there is no reason to anticipate but that the smelters will take the earliest opportunity of announcing an advance. At the Swansea ticketing, on Tuesday, 1748 tons of ore were sold, and 2349 tons advertised for the next sale.

IRON.—The amount of business doing in this metal during the past week has been comparatively unimportant, in consequence, no doubt, of the uncertainty as to the rise which will be decided on at the approaching quarterly meetings of the trade, and the opinion being far from unanimous on the question. Welsh bars are quoted somewhat lower, but Staffordshire have in some instances realised 10s. per ton more than they did last week. Rails are in great request, but from the fact of the ironmasters being fully supplied with orders, and indisposed to accept present rates to any extent, even for distant deliveries, not a great deal of business has been transacted. The increased prices for Staffordshire iron has not in the least checked the demand, and for export there is, indeed, if anything, a better enquiry. Seotch-pigs have been steady, but inactive, prices fluctuating but little. There is at the present moment but little doing, and the prices quoted are:—No. 1, g.m.b., 81s. 6d.; No. 3, 79s. 6d.; and mixed Nos., f.o.b. at Glasgow, 80s. 6d.

IEAD.—Another advance of about 10s. per ton has taken place in this metal, as will be seen by our quotations, and the consumption of pig-lead has become so excessive tha

GLASGOW, SEPT. 20 .- Since our last advice the market was further af-GLASGOW, SEPT. 20.—Since our last advice the market was further affected by the money market, the price falling on Tuesday to 79s.; yesterday it rallied suddenly to 80s. 6d., at which we remain firm, with little business. At the ironmasters' meeting, yesterday, it was resolved still to resist the demands of the miners. It is hardly probable that the men will go in without a further struggle. The legitimate demand continues very healthy, and shipments would be larger but for the scarcity of vessels. For America the demand is very good. To-day's quotations are—No. 1, g.m.b., 81s. 6d.; mixed numbers, g.m.b., 80s. 6d.; No. 3, g.m.b., 79s. 6d. Shipments for the week ending Sopt. 15:—Foreign, 3968 tons; coastwise, 6133 tons = 10,101 tons. In the corresponding week of 1854 they were —Foreign, 5160 tons; coastwise, 8942 tons = 14,102 tons.

Liverrool, Sept. 20.—We have to report continued firmness and activity in our metal market. Scotch-pig Iron during the week has fluctuated from 82s. to 79s., without inducing any business of moment. Prices are to-day a shade firmer, and buyers are rather more plentiful at 80s. on time, sellers asking 6d. more. The demand for all kinds of Welsh and Staffordshire manufactured iron continues unabated, and is, if anything, on the increase. Large contracts have been entered into for forward delivery in anticipation of orders, and the general impression is that a large business may be confidently looked forward to. Tin-plates, Lead, and Copper are all extensively enquired for, and makers cannot keep pace with the demand. The advanced rates which are being established do not appear to cheek the demand, as it was apprehended would be the case; on the contrary, buyers are apparently more anxious to operate. Zinc sheets have advanced 20s. per ton. In Spelter, foreign Steel, and foreign Tin, we hear of no transactions. The following are the quotations:—Iron: Merchant bar, 8l. 5s. per ton.—Tin: Common block, 126s. per cwt.; common bar, 127s.; refined block, 131s.—Tin-plates: Charcoal, IC, 33s. 6d. to 34s. per box; coke, IC, 28s. 6d. to 29s.—Lead: Sheet, 25l. per ton; pig, 24l. 10s.—Spelter (cake), 26l. per ton—Zinc (sheet), 31l. por ton.—Copper: Bolt and sheathing, 1s. 2d. per lb.; tile and tough cake, 126l. per ton; best selected ditto, 129l.—Yellow metal sheathing, 1s. per lb.—Steel: Sweedish keg, 18l. 10s. to 19l. per ton; fagot, 20l. 10s. per ton.

PABIS. Sapt. 20.—The principal feature in our Metal Market, this week has been Large contracts have been entered into for forward de-

PARIS, Sept. 20.—The principal feature in our Metal Market this week has been the apparent determination of the various warehouses to raise their prices, the reason put forward for such a course being the high rates demanded by the French usines, and the rise in the Glasgaw and Champagne markets. From the scarcity of French produce, Scotch iron is in good demand; Weish, however, does not sell so easily, although there is a much larger stack on hand. The Aurer states that at St. Digier the position of the market continues favourable. According to M. Frezin, there are in Savoy (as in Georgia and Caucasus) sources of carbonised hydrogen gas, which can be made useful for lighting and warming. In a note haddressed to the Academy he states—"In the common of Chattilon (Savoy), on the road to Chamcuny, there exists, over a 1 args surface of the soil, conduits of infammable gas. Some persons have considered this a sure indication of the presence of a coal mine beneath, and, consected

quently, the proprietors of the soil have set to work sinking a shaft for the purpose of proving it. In sinking this shaft, which is already to a depth of 20 metres without any discovery, it is found that on putting a lighted match to the orifice of certain subterranean conduits existing in the wail of the shaft, the gas instantly ignites, and fills the whole shaft with flames. A man descended the shaft in my presence to set from to one of these conduits, but an accident occurred in consequence of my cariosity. The instant the experiment was made the flames burst forth with such unusual rapidity that, notwithstanding the celerity with which he was drawn up, his hair and the skin of both his arms were burnt. Having followed the man into a neighbouring house, where he could obtain such assistance as his case demanded, I was further surprised by a new matter for observation. In the kitchen floor I was shown a hole, made with an ordinary ginelt; on applying a light to which, gas escaped in such quantities as to take fire, and give a light, which might be compared to that furnished by a large burner of ordinary manufactured gas. The combustion continued until arrested by stamping on a certain spot in the floor, which experience has made known. Twenty times was the experiment repeated in my presence, and it was always perfectly successful. The mistress of the house informed me that during last winter shorted by the light afforded, by adapting to the above hole a tube of elder tree." Messrs. Maitland and Co., of rue Newe-des-Capucienes, state that "In the Bank of France shares there is scarcely any variation. The shares of the Credit mobilier have been largely dealt in, but matters have not gones so moothly with this establishmen as hitherto, and a stop has been put on the rise in the shares, which at one moment promised to pass uninterruptedly to 2000 fr. Although the company constituted its statutes for 30 years, and as they have given notice of the isue of bonds reimburshit in the shares of 30 years, and as they ha

MINES .- An improvement has taken place in the price of one or two stocks this week, but the business transacted is still comparatively small, whilst the new regulation of the Mining Exchange, which does not admit whilst the new regulation of the Mining Exchange, which does not admit of any quotations being given except of business done in the room of the Exchange, makes the Official List look vory insignificant indeed. We have, however, done our best to supply the deficiency, by giving a daily list of purchases and sales made by members out of doors, and which may be regarded as perfectly authentic. It would appear that the new regulation as to marking the Official List has not given entire satisfaction among the members, for although the plan adopted by the committee last week is that pursued on the Stock Exchange, and is the best for insuring a correct list, there is yet some justice in the remark that at present the body of members is too limited for such an exclusive act. Much, if not the greater part, of mining business at present is done, as we stated last week, out of doors—that is, amongst the clients of the different brokers and dealers, and when this is done by members of the Exchange, it is argued that it might fairly be quoted in the Official List, especially, too, as the daily prices, published by individual members as "business done on the Stock Exchange" (the publication of which has been adopted since the formation of the Mining Exchange), are not from the Official List of that body, but represent chiefly business done out of doors by a few of the members. We are amongst those who think that too much publicity cannot be given to mining, and to transactions in shares when fairly and properly quoted, and we doubt not the Committee of the Mining Exchange, who have only one object in view, that of rendering the institution worthy of public support, will reconsider their late decision, and adopt some method whereby the Official List may be the acknowledged organ of all share transactions which are properly vouched.\* We are glad to hear it is the intention of several more gentlemen to join the Exchange: numbers are much required to make an open market, but many have been hitherto deterred from membership by th of any quotations being given except of business done in the room of the

a fortnight, the cause of which we are not at present able to report, very little information respecting the mine being furnished, even to shareholders. West Seton shares have reached 450, and the mine is turning out even West Seton shares have reached 450, and the mine is turning out even beyond expectation. On the 18th Aug. we referred to a great discovery in the 112 fm. level, and it appears the lode has since been cut in the 124 as rich, if not richer, than seen above. Devon Consols, 410 to 420; Wheal Grenville, 3\frac{1}{2}. Alfred Consols have advanced to 16; there is no fresh discovery in the mine, but a steady improvement in the different ends. Sortridge Consols advanced to 7, 7\frac{1}{2}; North Robert, 36; North Basset in request, at 29 to 29\frac{1}{2}; East Basset, 45 to 47; Clijah and Wentworth flat; East Buller, 8 to 8\frac{1}{2}; South Tamar, 7\frac{1}{4} to 7\frac{1}{2}; this mine has considerably improved of late. Tincrofts have been in good demand, and a large business doing, at 3\frac{1}{2} to 3\frac{3}{4}; Tamar Consols, 2\frac{1}{2} to 2\frac{3}{2}; Rosewarnes have been flat, and offered at 230; Stray Park enquired after, at 10\frac{1}{2}; Condurrow, 135 to 145, and a good business doing; in West Sortridge rather more business doing, at 5s. to 7s.; East Tolgus, 25 to 26; West Frances, 19\frac{1}{2} to 20\frac{1}{2}; Wheal Basset, 780; Wheal Frank Mills, 2\frac{1}{2}; Mary Ann, 38 to 40; Craddock Moor, 25; Hender, 5 to 5\frac{1}{4}; Copper Hill enquired after. Mary Ann has paid a dividend of 11, per share.

SATURDAY, SEP1. 15.—Official List: Condurrow, 122\frac{1}{2}; Lady Bertha,

40; Craddock Moor, 25; Hender, 5 to 5½; Copper Hill enquired after. Mary Ann has paid a dividend of 1l. per share.

SATURDAY, SEP1. 15.—Official List: Condurrow, 122½; Lady Bertha, 1½ to 1½; Sortridge, 6l. 6a.; West Seton, 400 to 410; West Frances, 19½; Wheal Edward, 3½.—Non-official: Rosewarne, 235 to 240; Gronville, 2 to 2½; West Frances, 19½; Hender, 5 to 5½; Condurrow, 125 to 127; Sortridge, 6½ to 6½; Edward, 3½ to 3½.

Monday.—Official: Cargoll, 15½; Great Sortridge, 11s. 3d., 10s., 11s., 9s., 10s. 6d., 10s., 11s.; Lady Bertha, 33s. 3d. to 33s. 9d.; Rorrington, 1s. 9d. to 2s.; Sortridge Consols, 6 5-16, 6 7-16, 6½, 6½.—Non-official: Basset, 760 to 780; North Basset, 28½ to 29½; Great Vor, 15s. 6d. to 16s.

TUESDAY.—Official: Great Sortridge, 10s. 6d. to 11s.; Rorrington, 1s. 10d., 2s., 2s. 6d.; Wheal Arthur, 13½ to 14.—Non-official: Sortridge Consols, 6½ to 6½; Lady Bertha, 1½.

WEDNESDAY.—Official: Great Sortridge, 11s.; Lady Bertha, 1½; Sortridge Consols, 6½.—Non-official: Condurrow, 132½ to 135; North Basset, 29½; Alfred Consols, 16½; Sortridge Consols, 6½ to 7.

THURSDAY.—Official: Ivybridge, 27s. to 28s.; St. Day United, 1½; West Sortridge, 5s.; West Frances, 20.—Non-official: Sortridge, 6½ to 7.

Arthur, 14; Grenville, 3½.

Friday.—Official: Sortridge Consols, 7 1-16, 7 3-16, 6 15-16, 7, 77. 1s. 6d., 7, 6½; Stray Park, 10½, 10, 10½; Frank Mills, 2½; Great Baddern, 10s.; Wheal Arthur, 14; West Seton, 450; West Collacombe, 10s.; Rosewarne, 240; Cargoll, 15½; Vale of Towy, 20s. to 21s.; Wheal Grenville, 3; Alfred Consols, 15½ to 16; Ivybridge, 28s., 29s., 28s.; St. John del Rey, 27 to 27½; Tincroft, 3½; Tefusis, 9½; South Zion, ½ to ½; Lady Bertha, 29s., 31s., 27s. 6d., 28s. 6d.; Great Sortridge, 11s.; North Basset, 29½; Wh. Zion, 2; Wh. Wrey, 8½; Collacombe, 40 to 42; Trewetha, 2½.

The following business has taken place on the Stock Exchange during the week, although the greater portion of the transactions are not offi-cially announced in their List:—

Cally announced in their List:—
SATURDAY.—Tincroft, 3\(\frac{1}{2}\) to 3\(\frac{1}{2}\); Condurrow, 120; Sortridge Consols, 6\(\frac{1}{2}\); Wheal Edward, 3\(\frac{1}{2}\); Tamar Consols, 2\(\frac{1}{2}\); Great Wheal Vor, 15s. 6d. to 16s. MONDAY.—Great Wheal Vor, 15s. 3d. to 15s. 9d.; Sortridge Consols, 6\(\frac{1}{2}\), 12s. 6d. to 15s.

Therefore, South Daylor Consols, 14s. Alford Consols, 14s. 16s.

to 5s.; West Par, 12s. 6d. to 15s.

TUESDAY.—South Devon Consols, ½; Alfred Consols, 14½, 15, to 16; Sortridge Consols, 6½, ½, ½; Lusitanian, 1½, 2, to 1½ prem.; Lady Bertha, 30s. to 35s.; Great Sortridge, 11 to 12; Devon Buller, 2½ to 3.

WEDNESDAY.—Great Sortridge, 10s. 6d. to 11s. 6d.; Alfred Consols, 16 to 16½; Sortridge Consols, 6½, 6½, to 6½; Buller and Basset, 4½.

TRUESDAY.—Darren, 2½; Sortridge Consols, 7; Lady Bertha, 1½; Great Hewas, 2s., 2s. 3d., 2s. 6d., to 2s. 9d.; Devon Bullers, 2½ to 3; West Collacombe, 12s. 6d. to 13s. 6d.; Great Wheal Vor, 15s. 6d. to 16s. 6d.; Cwm Duyren, 5s. to 6s. 6d. 16s. 6d.; Cwm Darren, 5s. to 5s. 6d. FRIDAY.—Great Sortridge, 10s. to 12s.; West Sortridge, 5s. to 6s.;

\* Since this was written, the committee, at their meeting this afternoon (Friday), have rescinded the objectionable resolution, and taken other steps to obtain a correct Share List, and which this (Friday) afternoon shows a better appearance.

Sortridge Consols, 7; South Zion,  $\frac{3}{4}$ ; Lady Bertha,  $1\frac{1}{2}$ ; Lelant Consol 17; Buller and Basset United,  $4\frac{\pi}{4}$ ; West Cellacombe, 12s. 6d. to 13s. 6d Great Wheal Vor, 15s. 3d. to 16s. 3d.; North Wheal Basset, 28j. Peda-an-drea,  $2\frac{\pi}{2}$  to 3; Devon Buller,  $2\frac{\pi}{2}$  to 3; Wheal Kitty (Uny Lein 37 $\frac{\pi}{2}$  to 40; Lelant Consols, 17.

The quarterly sales of copper ore at Swansea to end of Sept. 1855, as follows:-11,262 tons, which realised 171,1141. 10s. The last qui as follows:—11,262 tons, which realised 171,1141.10s. The last qure was 13,200 tons, realising 199,083l. 6s. 6d., showing a deficiency of the tons, and 27,968l. 16s. 6d.—owing chiefly to the short arrivals from Cobre Mines. On the contrary, the ticketings for copper ore in Corne will exceed the former quarter by 86l tons, and some thousands of pour in money. This is very gratifying, as it shows the continued prosper of our home mines. A new purchaser of copper ores has started in the Swansea ticketings (Mr. Charles Lambert, from Chili), whose purchaulting the quarter have been 475 tons, amounting to 4804l.3s. We shed hail the hour most gladly, were he to take a similar standing in Cornwal having an agent there, we look forward to his doing so at no distant definitions.

The directors of the Devonshire Great Consolidated Copper Mini Company, at their board meeting, held yesterday, declared a dividend 92161., being \$1. per share, out of profits from sales of copper ores sample in the months of May and June last; after payment of which there mains in hand a balance of 25,5331. 19s. 11d., in cash, ore bills not maturity, and reserved fund, applicable to the company's general purpose At Wheal Buller meeting, on Tuesday, the accounts showed—Balas from last account, 18311. 9s. 3d.; ores sold in June and July (leas dues), 8517. 7s. 4s sundry receipts, 141. 8s. 1d. =10,6331. 4s. 5d.—Mine costs and merchants bills July and August, 36671. 15s. 5d.; on account of income tax, 1501.; by divided 51201. (201, per share): leaving balance in hand, 17557. 9s. 3d.

At West Basset Mine bi-monthly meeting, on Wednesday, the account

At West Basset Mine bi-monthly meeting, on Wednesday, the accoshowed—Balance last audit, 63121. 2s. 91.—less dividend of 45001. [lis. per sha 18121. 2s. 96.; by sale of copper ore, 81881. 2s. 10d.; advance on tribute, 560,; account of tin sold, 311.—10,5211. 5s. 7d.—Mine cost for June, 23461. 18s. (20031. 9s. 9d.; advance on account of tribute, 5101.; royalty, 13731. 9s. 10d.: les a balance of 42371. 7s. 6d. The prospective accounts for the two months show, payment of present dividend, a balance of 33701.

At the Isle of Man Mining Company meeting, held in Chester, on 6th isst. (Mr. Thos. Dixon in the chair), the capital account showed -Stock accessimated value of the works at the formation of the company, 55,6094. In every expended, as per last statement, 35224. Iss., 1d.; ditto since expended, 4316. Is. =63,0634. 3s.—To 2240 shares, at 234. each, 56,0004.; 320 new ditto, at 234. each, as per last statement, 38604.; arrears since paid, 9364.; second and third call new shares, 2641. Its., it leaving balance in favour of adventurers, 625. Its., and balance of the revenue account, from July 1, 1854, to June 30, 1855, was 10084. Its. A dividend at the rate of 164. per cent. per annum, from July to June, on these apital was declared. Messrs. T. Dixon, W. Wardell, and H. Hodgson were-sele directors, and Mr. Nicholson was also elected auditor for the ensuing year. There stated that the directors, in laying before the proprietors their second annual replace pleasure in congratulating them upon the not only improved but very tisfactory position of their property at the present time. During the pastyear greatest vigour had been displayed in opening out new ground, and in develop the resources of the mines. It appears, from Capt. Bawden's report, that the old gine-shaft in Beckwith's Mine has been sunk nearly 14 fathoms under the 11t in north part of the vein. This mine has been very productive during the pasty and large reserves of ore have been laid open in the 102 and 90, which can here be worked at a very moderate tribute. At Old Foxdale, the directors are very hin being able to inform the proprietors that the new engine-shaft has had the designed of the past of the past of the past of the past of the vein of the vein of the vein. This mine has been every productive during the past year of the vein of the vein. At Old Foxdale, the directors are very hin being able to inform the proprietors that the new engine-shaft has had the design of the past of the vein of At the Isle of Man Mining Company meeting, held in Chester, or

effect of draining the old workings.

At Wheal Mary Ann meeting, on Monday (Capt. Peter Clymo, jun, the chair), the accounts showed—Balance from last audit, 113l. 14s. 11d.; leader sold, May, 1954l. 11s. 6d.; ditto, June, 1961l. 17s. 6d.; ditto, July, 2237l. 19s. 16 calls received, 72l. 10s.; labourers charged, but not paid, 7s. 9d.; Wheal Warged venturers, for materials, 5l. 12s. 6d. =6340l. 13s.—Mine cost and merchants his April (including lord's dues, 159l. 13s. 10d.), 1825l. 6s. 9d.; ditto, May (lord's fix April (including lord's dues, 159l., 17s. 11d.), 1837l. is. 16 Wheal Trelawny, water charge for three months, to end of June, 112l. 19s.; lead balance in favour of adventurers, 73ll. 10s. 3d. A dividend of 512l. (1/c) er shat was declared, which, after payment, left to credit of next account, 219l. 10s. 3 capts. Peter Clymo, jun., Henry Hodge, and Robert Knapp, reported that the stay and pitches were producing much as usual. They sampled on Friday the 14th is a parcel of lead ores, computed 75 tons, which will be sold this day (Saturday).

At Spearn Moor Mine quarterly meeting, at Penzance, on the 12th ins

At Spear Moor Mine quarterly meeting, at Penzance, on the 12th ins the accounts showed—Balance last audit, 94. 10s. 2d.; sundries, 14. 3s. 7d; this (12 tons 11 evits. 0 qr. 26 lbs.), 1814. 4. 6d. =926. 18s. 3d.—Labour cost for April, Mand June, 439. 12s. 9d.; merchants' bills, 1634. 1s. 2d.: leaving balance in favor adventurers, 3324. 4s. 4d. A dividend of 2804. (14. per share) was declared; with available balance of 524. 4s. 4d.

available balance of 521, 4s. 4d.

At Spearne Consols Mine quarterly meeting, on the 11th inst., a cal
2s. 6d. per (1024th) share was made to cover the loss incurred in the three mea
and as further outlay is required, in order to sink another 10 fms., it was agree
ask the lords to forego their dues until the concern is once again in a dividend-ay
state, which is looked forward to.

At Carnyorth Mine meeting, at Penzance, on the 11th inst., the account
showed—Balance in favour of adventurers last account, 1811. 5s. 9d.; by sales of
(21 tons 16 cwts. 3 qrs. 26 lbs., highest price 71. 17s. 6d. per ton), 1891. 11s. 6d
16611. 17s. 3d.—Mine cost for April, May, and June, 1017. 19s. 8d.; merchants'
8171. 12s. 7d.; jord's dues, 611. 13s. 9d.; leaving a balance in favour of adventure
3941. 11s. 3d. A dividend of 3071. 4s. (3s. per share) was declared, with an avail
balance of 871. 7s. 3d. —We are glad to learn, that from recent improvements on
tin lodes, the quarterly dividends are likely to be continued; considerable enqui
are also making for the shares, which have changed hands at the prices quoted,
seem likely to go higher.

are also making for the shares, which have changed names at the process of the likely to go higher.

At Hingston Down Consols Mine meeting, on Thursday, the account At Hingston Down Consols Mine meeting, or Thursday, the account showed—Balance last account, 1481/. 17s. 7d.; ores sold and carriage, 3476/. 19s. e1958/. 17s. 4d.—Mine cost for June, 1011/. 18s. 6d.; dues on ores sold in July, 106/. 11s. 4d.; leaving the last of the control o

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balance as above, \$22, 17s, 2d. A call of 1s. 3d. per share was made. Captains Doble and J. Richards reported favourably upon the general appearance of the mineral properties of the mineral properties of the mineral properties. At a meeting of shareholders in the Blaenavon Iron \$2d Coal Compass on Wednesday (Mr. J. G. Williams in the chair), at which about fifty sharehold were assembled, Mr. Banks explained the object of the meeting, and that it had were assembled, Mr. Banks explained the object of the meeting, and that it had convened by a committee of shareholders, sitting at \$3, Freet-street, with a view adopt such measures as would redeem the company from its present embarase condition. An objection was then raised that they could not proceed to busin without knowing the names of the gentlemen forming that committee, as others without knowing the names, as the difficulty, which was already very great, at liberty to give up the names, as the difficulty, which was already very great, by materially increased. The objection being persisted in, two entirems, like by materially increased. The objection being persisted in, two entirems, like since its constitution, during which he was frequently interrupted, to the great isnoe its constitution, during which he was frequently interrupted, to the great isnoe its constitution, during which he was frequently interrupted, to the great on own of the shareholders, who contended that he was studied to a hearing, and in some instances strongly expressed themselves, staing that there evidently some gentiemen in the room who had come there for no other purpose it to raise objections, and stife the enquiry. Mr. Walford altered to hebalf of the raise objections, and stife the enquiry. Mr. Walford altered on behalf of the statement as to how affairs stood with regard to the new lease between with a statement as to how affairs stood with regard to the new lease between with a statement as to how affairs stood with regard to the new lease between with a statement as to how affair

Welsh Potosi, Cae-Gynon, Frongoch, Cefn Brwyno, East Darren, F path, Cwm Erfin, Vale of Towy, Reswick, Irybridge, Rhoswydol, Dyfngwn, and liffe, have sold lead ore. Leeds and St. Aubyn, Porkellis United, East Wheal Vor, West Wh Jane, Wendron Consols, Yeoland, Wheal Arthur, Drake Walls, have sold place

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Coal Comparative harmonic that it has be, with a risk and the coal that it has be, with a risk and the coal that it has be ent emharmanced to built the coal that has been that has been the coal that has been that has been the coal that has been that has been

st Dacren, F. or, West Wh At the Trinity Mines (Kenmare), we are informed that the lode in the 36 end, driving east, is worth 60l. per fm., and still improving.

So end, driving east, is worth 60t, per fm., and still improving.

Sortridge Consols has made the following monthly sale of copper ore:—
70 tons, at 10t. 12s.—742l.; 57 tons, at 11t. 1s.—629t. 17s. : total, 1371t. 17s. In noticing the lower price of the ore since the last sale, we should remark that much of it was the produce of tributers' pitches, set in the upper levels in the gossan backs. The actual monthly raising is 207 tons, but in consequence of the difficulty of obtaining horse hire during the harvest, and the crusher not being completed, not more than 127 tons were sampled.

At Ivelvidge Mine, the vessels of the color of the

The actual monthly raising is 207 tons, but in consequence of the difficulty of obtaining horse hire during the harvest, and the crusher not being completed, not more than 127 tons were sampled.

At laybridge Mine, the result of the sale of silver-lead ore made this week is -41 tons 3 cwts., at 174. 12s. 6d. =7034. 13s. 10\(\frac{1}{2}\) ct. and it tons 5 cwts., at 174. 12s. 6d. =7034. 13s. 10\(\frac{1}{2}\) ct. and it tons 5 cwts., at 134. 17s. =2184. 14s. 9d.: total, 924d. 8s. 7\(\frac{1}{2}\) d. We understand that this property (the progress of which we have frequently noticed) is now in a fair way of making considerable monthly samplings, and eventually becoming a valuable investment.

Silver Brook has now on the mine 100 tons of zine ore, worth about 3d. 3s. per ton, and 17 tons of lead ore, worth about 14d. per ton, ready to sample. A new lead lode of considerable promise, and containing fine stones of ore, has been discovered in cross-cutting west towards a goosan lode, lately perceived at surface.

At Pedn-an-drea United Mines, all the underground and surface works are progressing satisfactorily, and the tributes throughout the mines are as good as when last reported. The steam stampe'-house was completed on Wednesday.

We understand that Capt. Carpenter has made the requisite preliminary arrangements with a party, to immediately proceed with the further explorations and development of the lodes discovered in the Birchey Mine, the same being parallel to the Great West Sortridge (Pennaton estate); the north boundary of the latter is the south boundary of the former sett. A lease is now being prepared.

The Great Crinnis Company have had about 10,000 of their new shares taken up. The remainder will be again offered to the existing shareholders, previous to the public generally.

At East Frongoch, they have not had sufficient water to fork the mine to the bottom; but, if they should have more rain, they could fork it in six hours. The water is now 2 fms. above the back of the 3 fm. tevel.

From Congelly, w

From Dolgelly, we learn that an important discovery of visible gold took place at the Dolfrwynog Gold Mine last week. The 80-horse steam-engine and and four crushing pane were all ready to commence operations; and while trying the machinery, on Saturday last, the engineer put too much steam on, and broke 13 teeth out of the driving-wheel which will prevent the working for 14 days. At the Prince of Wales Mine, very little is being done except the sinking of the shaft upon the gold lode, which is progressing satisfactorily.

The Gloster Mine has sent away 50 tons of copper ore, the produce of six weeks' working.

six weeks' working.

At the Gorn Mines, belonging to Mr. James Harvey, a fine lode, rich in black carbonate of copper, has been cut.

in black carbonate of copper, has been cut.

During the week, shares have changed hands in the following:

During the week, shares have changed hands in the following:

During Mines.—Alfred Consols, Bedford United, Carnyorth, Devon Great Consols, Great wheal Vor, North Wheal Basset, Rosewarne United, South Tamar, South Wheal Frances, Spearne Consols, Stray Park and Camborne Vean, Tamar Consols, Tincroft, West Basset, Wheal Mary Ann, Wheal Trelawny, Wh. Wrey, Wh. Kitty (Uny Lelant), Mining Company of Ireland.

Mines which have Sold Ora.—Clijah and Wentworth, Craddock Moor, Devon Wheal Buller, Dyfngwm, East Buller, East Gunnis Lake, East Tolgus, Great Wheal Alfred, Nant-y-Car, North Rosewarne, North Wheal Crofty, North Wheal Robert, North Wheal Unity, Sortridge Consols, Trebarvah, Vale of Towy, West Polberro, West Sortridge, Wheal Grenville, Wheal Hender.

Mines which have not Sold Ora.—Clowance Mines, East Frongoch, Nant-ar-Nelle, Prignant Consols, Tamar Maria, Tresellyn Consols.

In Foreign Mines. the market throughout the week exhibited a down-

In Foreign Mines, the market throughout the week exhibited a downward tendency, and the only transaction which took place yesterday was in St. John del Rey, at 27%. The closing price of Grand Duchy of Baden was ½ to ½; Imperial Brazilian, 2½ to 3; National Brazilian, 3½ to 3½; Clarendon Consolidated Mining Company of Jamaica, ½ to ½ prem.; Cobre Copper, 63 to 67; Copiapo, 18 to 20; Fortuna, ½ to ½ prem.; Linares, 7½ to 8½; Lusitanian of Portugal, 1 to 1½ pm.; Pontgibaud, 15 to 16; Royal Santiago, 4 to 4½; South Australian, ½ to ½; United Mexican, 3 to 3½.

At the Lusitanian Mining Company meeting, on Wednesday (Mr. Loftus Lowndes in the chair), the accounts showed a balance in favour of the company of 2664, 13s. 3d. Mr. P. D. Hadow was re-elected a director, and Mr. Henty in the room of Mr. G. B. Carr, who had resigned. The sum of 4000, per annum was unanimously voted to the directors; and the proceedings, which are detailed in another column, terminated with votes of thanks to the Chairman, directors, and managing director. A dividend of 2s. 6d. per share was declared.

column, terminated with votes of thanks to the Chairman, directors, and managing director. A dividend of 2s. 6d, per share was declared.

At Wheal Jamaica Copper Company meeting, at Kingston, on Aug. 1.5 (Mr. R. J. C. Hitchins in the chair), the accounts showed—Balance on the 31st May, 80sl, 5s. 2d.; by calls, 1434. 7s. =3919, 13s. 2d.—Mine cost at Charing Cross in May and Jane, 614f. 5s. 2d.; at Castle James and Mount Woolfrys, 231f. 4s. 9d. (including Mr. Lowry and Mr. Parry for inspecting and reporting, 61f. 4s. 3d.): leaving available blaince, 101f. 3s. 3d. The committee report that at Charing Cross Mine the interaction of the lode in the 30 cross-cut had been effected under much more favourable circumstances than they had reason to anticipate. The lode in this level has been proved from wall to wall, and found to be 9 feet in width, consisting of a rich body of prian, flookan, and decomposed porphyry, carrying three well-defined branches of ore on had towards the hanging wall side of the lode, with rich strings of yellow ore throughout the 2 or 3 feet next to the footwall. The first branch intersected in this level consisted of a highly crystallised quartz and felspar, richly impregnated with native and black oxide of copper, and from 3 to 4 inches thick. The other two branches, which are respectively of the same width, are composed of peacock and yellow ore. "On the whole (the mining agent writes, under date Aug. 10), the lode at this depth is looking highly promising, considering that we have many fathoms to drive on its course before getting well under the higher levels." Other parts of their property look equally satisfactory. They have soveral parcels of ore ready for dressing, and which their agent, Mr. John Douglas, had advised them they might expect would realise 241, 10s. per ton. The report was adopted on the motion of Meesrs. J. J. Sanguinetti and Thomas Hendrick. Messra R. J. C. Hitchins, P. A. Espeut, and W. Girod were appointed the committee of management.

The Mariquita and New Granada Minin

J. Singuinetti and Thomas Hentries.

W. Girod were appointed the committee of management.

The Mariquita and New Granada Mining Company have received despatches, of which the following is an abstract:—The Santa Ana Minis for the month of June—coat, \$3850; returns, \$18,746. The Marmaro Minis for the month of June—coat, \$13,471; returns, \$15,289. The Purina Mines for the month of June—coat, \$13,471; returns, \$15,289. The Purina Mines for the month of June—coat, \$1203; returns, \$3187. The last includes putting up of new stamping-mills, &co.

month of June—cost, \$0330; returns, \$15,746. The Marmaro Misses for the month of June—cost, \$13,471; roturns, \$13,289. The Pusina Missis for the month of June—cost, \$13,471; roturns, \$13,289. The Pusina Missis for the month of June—cost, \$1208; returns, \$3187. The last includes putting up of new stamping—mills, &c. The United Mexican Mining Association have received a despatch from the assistant commissioner, dated Guanaxuato, July 27, from which the following are extracts:—At Jesus Maria v Jose, the depth attained in the shaft of Santa Maria, during the four weeks, has been 8½ varas, in the whole of which distance the rock has proved of a favourable character. The total depth is now 65-20 varas. The masons work in the month has also been proceeded with, and will be concluded in the next formight. The cross-cut of San Macsimo has been driven 13½ varas, and, having arrived at the point for future communication with the new shaft, has been brought to a conclusion. In the frente of San Juan we have advanced 14½ varas, without any notable change having occurred in the vein, further than an inclination on the part of the ore to make towards the lower wall. Notwithstanding the unusually heavy rains which have fallen, the water in the pozos does not rise rapidly, which is attributed to its passing off to the deeper workings in the adjoining Mine of Villarino. In this latter mine, the extraction has augmented to about 500 cargas weekly, a part of which was sold a week since for \$5000.—Mine of La Trinida? Since the report of last month, our attention in this mine has been almost exclusively devoted to the prosecution of the shaft of Guadalupe, which has been sunk 8½ varas in the four weeks, of which the last 5 varas have been driven in the mountain rock lying under the vein, Its total depth is now 255½ varas, which Mr. Purber thinks of extending 1280 varas, previous to again entering the vein, by a cross-cut to the lower wall. The cross-cut towards the upper wall, which was reported in the last as being carried to 280 v

The Clarendon Cousolidated Mining Company of Jamaica have advices to Aug. 23, by which it appears that their operations continue to progress favourably. The Wildberg Mining Company have advices to Soptember 13:—At the Ward Mixe, Beck's winze sinking under the deep add level, east from the south cross-cut, is producing 8½ tons of silver-lead ore per fathom. The lode driving east in the 10 lackher level, at the Blumengang sink, is producing 4½ tons of silver-lead ore per fathom. No. 5 stope is producing from 15 ewis, to 1 ton of silver-lead ore per fathom. No. 5 stope is producing from 15 ewis, to 1 ton of silver-lead ore per fathom. No. 5 stope is producing from 15 ewis, to 1 ton of silver-lead ore per fathom. The water in the shaft has considerably decreased. The branch driving east from Carter's plat, in the 4m level, is the 4m level, is the 4m level, is coking well, and is producing from 1 to 1½ tons of silver-lead ree per fathom. The Dornergang stope, in the bottom of the 15 fm. level, east of Michael's shaft, is producing 10 ewis of silver-lead ore per fathom. The Weitung tope in the bottom of the 20 fm. level, east of Michael's shaft, is producing 16 ewis, of silver-lead ore per fathom. Dean's stope, in the bottom of Dean's winze, is producing 15 ewis. of silver-lead ore per fathom. Dean's stope, in the bottom of Dean's winze, is producing 15 ewis. of silver-lead ore per fathom. The Weitung 15 ewis. of silver-lead ore per fathom. The Weitung Mixed II our surface works have progressed well this week.—J. M. Champion.

The Fort Bowen Mining Company have received advices from Mr. Tate.

The Fort Bowen Mining Company have received advices from Mr. Tate, who had arrived at Colon. He had not visited the mines, but was informed that a labore power engine, with stamps, and every necessary gear, was nearly ready to go work. Captain Tregoning had arrived at St. Thomas, on his way to the mines, and there is little doubt that before the present time he has reached them.

The Control of the property of

and there is little doubt that before the present time inch as reached them.

The Cape of Good Hope Mining Company are (July 5) actively carrying on their works in Namaqualand. Mr. Melville and his mining staff left Port Soltan, Jane 16, for the company's mines at the Orange River. Mr. R. Douglas the company are in the Orange River. Mr. R. Douglas the company. Mr. L. Marquard's staff has two working parties at distinct centres, where the works are said to be rapidly progressing. The company are about to distinct the works are said to be rapidly progressing. The company are about to distinct the works are said to be rapidly progressing. The company are about to distinct the works are said to be rapidly progressing. The company are about to distinct the works are said to be rapidly progressing. The company are about to distinct the works are said to be rapidly progressing. The company are about to distinct the works are said to be rapidly progressing. The company advices where another working party are about to commence mining operations. From the Grand Duchy of Baden Mines the most astisfactory advices a sentre, where another working party are about to commence mining operations. From the Grand Duchy of Baden Mines the most astisfactory advices are been received, the prospects being of a remarkably cheering nature.

The Linares Mining Company have declared a dividend of 10s. per share, Notes the mining operations are the works are said to be a supplementation of the propects of the works are about to distinct the mines are about to distinct the mines are about to distinct the distinct centres, and the propects of the pr

The Nouveau Monde Company have advices from their superintendent, fr. Richard Bray, dated Alotepeque, Aug. 1, at which place he arrived two days pre-The Nouveau Monde Company have advices from their superintendent, Mr. Richard Bray, dated Alotepeque, Aug. 1, at which place he arrived two days previously. Mr. Bray states—"The auriace improvements have progressed very satisfactorily during my absence, and there are now two good habitations finished for the reception of the parties who may come out in Oct. next. In the mine of San Pantaléon, Dolore's level has been driven 7½ varas this month, the lode has again become fairer, but is still narrow. In driving the last few varas it has had several changes, though it has never been entirely without ore, and it is now again improving in appearance. As this level has now become exceedingly expensive, and as the object sought has been to a certain extent attained, I have determined to suspend it until we can draw through Cornubia shaft, and save the expense of extracting through the adit level, which is not fit even for a wheelbarrow road. At Cornubia shaft, 4 varas have been sunk during the month; in future, this work will be pushed on by day and night; the rock is hard, but full of clearage, which renders timbering necessary, and of course retards the sinking very much. San Damasio level has been cleared 10 varas this month, but has been suspended for the same reasons as in the case of Dolore's level; in this distance another wince has been passed, which, report says, is very deep. Nothing has been done in any other mine since last report. San Pantaléon Mine is encouraging. Sy next report I shall, I hope, be able to give you some account of some new operations in Socoro and others. The season hitherto has been favourable, the rains being quite moderate."

The British Australian Gold Company sent out to Melbourne, by the

The British Australian Gold Company sent out to Melbourne, by the Gipsey Bride, which sailed on Saturday last, our correspondent, Mr. H. E. Michell, as assistant manager, and he will be followed shortly by Mr. Stevens. News is ex-pected the beginning of the ensuing month, and which we hope may prove as satis-factory as anticipated.

From Australia, we have news to June 25. A monster nugget, weighing 1000 oza, and valued at 48001, was found at the Maryborough diggings. The yield of gold was steady, and great hopes are entertained of making the exports of gold this year a hundred tons. At Melbourne, the gold market was not active, the buying price of the metal remaining at 31. 17s. per ox.: and at Geelong, gold was 34. 18s. per ounce. The Irish were rendering themselves very obnoxious, by acting in opposition to the authorities, and had occasioned some serious disturbances. The Frances Henty reached Plymouth yesterday with 22,000 oza, of gold dust, and a quantity of sovereigns. Several new diggings have been opened to the eactward of Melbourne, one of which (the Alma) is very productive, and another (the New Bendigo) is expected to tarn out extremely rich. No part of Ballarat can be worked, owing to the accumulation of water, to remove which machinery is in course of erection. The general price of gold was 31. 17s. 6d, per oz. The Frances Henty made the passage out in 81 days, and home in 82 days. The Kent was to leave Melbourne on July 3 for London; the Ballarat canty in July. The Mermaid was to leave Melbourne on July 3 for London; the Ballarat canty in July. The Mermaid was to leave July 12 for Liverpool; the Marce Folo early.

In Miscellaneous Shares, throughout the week, a fair amount of busi-

on July 3 for London; the Batlarat early in July. The Mermaid was to leave July 12 for Liverpool; the Marco Folo early.

In Miscellaneous Shares, throughout the week, a fair amount of business has been done, and the market may be generally considered to have improved. Lind shares have been in demand at higher prices, and the recent extraordinary rise in the Canada Land Company's stock was fully maintained, business being done yesterday at 170 to 173, and the closing price marked 170 to 189. Canada Government 6 per Cent., Jan. and July, 113½ to 1123; ; British American Land, 59 to 69; Van Diemen's Land, 149; ; Crystal Palace, 2½; ditto, Preference, 3 to 3½ es int.; Electric Telegraph, 17½ to 18; Peninsular and Oriental Steam, 67½ to 65%; ditto, New, 14½ to 14½; ; General Iron Serew Collier, 4%. The closing quotation of Australian Agricultural was 29½ to 30½; Berlin Water-Works, 2 to 1½ dis.; English and Australian Copper Smelting Company, 1¼ to 1½; Mediterranean Electric Telegraph, 8 to 10; Mexican and South American, 6 to 6½; Netherlands Land, 1 to 1½; Peel River, 2½ to 2½; South Australian Land, 35½ to 36½. In Joint-Stock Banks, the market was rather quiet yesterday, the only transactions which took place being in London to Ireland, 31½. The closing prices of other securities of this description were—Australasia, 91 to 93; Bank of London, 2 to 54; Sitush North American, 6 to 79; Chartered Bank of Asta, ½ dis. to par; Chartered Bank of India, Australia, and China, ¾ to ½ dis.; City, 35 to 57; English, Scottish, and Australian, Chartered, 17 to 17½; London and County, 38 to 40; London and Eastern Banking Corporation, nar to 2 prem.; New South Wales, 35 to 36; Criental Bank Corporation, 12 to 43; Provincial of Ireland, 52 to 54; South Australia, 40 to 41; Union of Australia, 70 to 72; ditto, New, 8 to 9.

The Bank of Australasia has declared a half-yearly dividend of 24s, per

The Bank of Australalsia has declared a half-yearly dividend of 24s. per share, and also a bonus of 56s. per share, making together 4/. per share, or at the rate of 20 per cent. per annum.

of 20 per cent. per annum.

The Bodmin United Mines Company will meet before the Master of the Rolls on Friday, when an official manager will be appointed.

The Irish Consols Mining Company's property, known as the Spanish Cove and Colleras Mines, in the barons of West Carbery, and county of Cork, are to be sold, by order of the Court of Chancery.

Mr. Harding, the official manager of the Great Cambrian Mining and Quarrying Company, attended at Dolgelly on Monday, to receive proofs of debts a state which he examined the mines, when some ore, rich in visible gold, was broken down in his presence from No. 6 lode. Men are now employed in dressing ore at grass. Amongst the outside gentlemen on the Stock Exchange some amusement took place on Wednesday, from the fact of several transactions taking place in Wrysgan Slate shares at troopence cach, although 11. is paid, and it stands in the list of dividend-paying companies.

Slate shares at the proposed each, although 14. is paid, and it stands in the list of dividend-paying companies.

In the bankruptcy of Sir George de la Poer Beresford, Bart., a meeting was held on Tuesday, for the purpose of appointing assignees, and to dispose of a petition praying that the adjudication might be annulled, on the ground that the act of trading upon which it had been founded was insufficient. Mr. Warrand, of Basing-hill-street, attended as solicitor to the fiat, and Mr. Sharp, of the firm of Hancock and Sharp, of Tokenhouse-yard, as solicitor for Mr. Nicholis, of Tavistock, one of the creditors. After a lengthened examination, the bankruptcy was confirmed, and debts to the amount of nearly 7000l, proved. Mr. Sharp opposed the discharge of the bankrupt from custody, upon the ground that he had obtained shares from Mr. Nicholis, and had refused either to return them or the money. The commissioner eventually ordered the discharge of the bankrupt, and Mr. John Barnes, of Charlwood-street, Pimlico, was appointed the creditors' assignee. Messrs. Harding and Pullein, of Lothbury, are the accountants to the estate.

the stock on hand, it will be perceived from this statement, has gradually diminished under the pressure of an increasing demand, combined with an insufficient aunount to 7000 tons, at present there is but little prospect of any important decline in price being accepted, at any rate, until very considerable shipments survey; since the quantity remaining appears to be somewhat firmly held. The sum of 200,000%, which is estimated by our contemporary, the Morning Post, may be somewhat being accepted, at any rate, until very considerable shipments arrive; since the quantity remaining appears to be somewhat firmly held. The sum of 200,000%, which is estimated by our contemporary, the Morning Post, may be somewhat before named at about 7000 tons, is liable to a considerable further reduction eventually, this satement may not be very far from accurate. The present price of refined saltpetre, first quality, is 42s. to 43s. per cwt., and of inferior 35s. to 37s.

HULL, Sepr. 20.—The late fall in railway shares has not brought much stock to market. What is held is chiefly for investment: besides, parties have so frequently suffered in selling after a fall, that they do not like to repeat the operation. Hull and Selbys continue to be enquired for, and they are, in fact, at present prices, the best guaranteed investment in the market. Malton and Driffield have been done at 21. (20t. shares, sill paid, np).—T. W. FLIST AND CO.

LEEDS, SEPT. 20.—We have had a brisk market during the last fortingth for mining shares. The shares of the Craver Moor Mining Company have experienced a further advance—viz., from 18s. 6d. to 22s., a twisch price holders are firm. This mine is a structured to the condens speculators, and is considered locally to be a good and safe investment. Closing prices:—Craven Moor (10s. paid), 21s. to 22s.; Pencorae Consols, 32s. 6d. to 33s.; Yorkshire Mining Company, 8s. 6d. to 9s.—C. G. FLETCHER: 163, Woodhouse-lane.

	Sal	4 .		ha *	BL					Septen	he	
Mines. To	DS	c.	a.	lb.	P	rice	per	to	n.	Amo	unt	. Purchasers
Leedsand St. Aubyn	0	19	2	23		£56	0	0		£ 55	3	6-Bolitho.
ditto	4	17	3	17	******	72	0	0		316	9	0- ditto
ditto	õ	9	2	0	******	68	0	0		32	6	0- ditto
	Sol	d o	n tl	he !	Blat A	non	at s	md	14th	Septen	nbe	τ.
Porkellis United					*****		10	0		£236	9	1-Mellanear.
ditto	1	0	0	20	******	51	10	0		51	19	2 - ditto
ditto	0	14	1	3		36	0	0		25	13	11- ditto
ditto	3	0	0	2	******	71	10	0	******	214	11	3— ditto
ditto	1	6	1	3	*****	54	10	0	******	71	12	0- ditto
ditto	Ö	10	0	25	******	41	10	0	******	21	4	2- ditto
			1	Sol	d on	he s	th	Sen	temb	er.		
East Wheal Vor	2	18	0	4		£63	0	Ó		£182	16	3 - Daubuz.
ditto	0	16	0	21		49	0	0	*****	39	13	2- ditto
					on t							
Wendron Consols	7	- 5	0	94		670	0	0		£503	5	0-Bissoe Co.
ditto	0	18	3	9	******	46	0	0	******	43	6	2- ditto
West Wheal Jane			1	28		66	0	0	******		0	0-Calenick.
	-	-			on t							
Yeoland Consols	9	0	0	0	on c	669	0	0	tento	£621	0	0-Carvedras, &c
					Sold					-		
Wheal Arthur	5	0	0	0						£348	2	6-Danbuz,
ditto	1	0	- 0	0		63	10	0		63	10	0- ditto
Drake Walls			0	0		7.6	5	0		959	- 8	9-Calenick Co.
ditto	12	10	0	0	******	67	0	0	******	837	10	0-Bissoe Co.
				-		-		-	-			
					LE	AD	0	R	E8.			
				Sec.	d on t	he I	4th	g <sub>o</sub>	ntami	hor.		
******				504						ton.		Purchasers.
Welsh Potosi					Ton	8.	1	TIC	e per	ton.	-	anther Company.
Weish Potost		****										anther company.
			8	Sole	on t	be l	5th	Be	ptem	er.	_	E ST.
Cae-Cynon				***	25	****		al.	0 10	6 ,,,,,	, P	anther Company.

	Sold on the						
Frongoch	100 .		£15	15	0		Panther Company.
Cefn Brwyno	100 .	*******	16	1	6	*****	ditto
East Darren	80 .		17	12	6		Walker, Parker, & Co.
Foxpath			12	10	0	*****	ditto
Cwm Erfin	30 .	*******		13	6		ditto
	Sold on th	e 18th	Sepl	temt	ber.		
Foxdale	100		£17	0	6	******	J. P. Eyton.
	Sold on the	e 19th	Sept	emt	ber.		
Vale of Towy	23 .		£12	14	6		Sims, Willyams, & Co.
	29 .			2		*****	ditto
	22		11	8	0		ditto
Keswick	25	******		11	6	*****	Shield, Turnbull, & Co
Ivybridge	41 .		17	2	6		Michell and Co.
	14%		15	7	0		ditto
	Sold on the		Sept	emt	er.		
Rhoswydol	13 .		£15	15	6		Newton, Keates, & Co.
	13 .		15	15			Walker, Parker, & Co.
Dyfngwm	28	********	16	2	6		ditto
Dyliffe				18	0		Newton, Keates, & Co.
ditto					6		Walker, Parker, & Co.

							R										
COPPER (														5 Cos	STANT		
	t	o M	es	rs. K			n, Ch										
	Tone	s c.	q.		Prod		Star	dar	rd.			ice.			Am	oun	t.
No. 1	. 0	10	2		10%	******	£128	0	0		113	0	0	*****	£104	10	0
No. 1 No. 2	. 8	16	2	*****	7%		133	15	0	*****	7	2	0	*****	62	7	7
Total	. 18	6	0		Carr	iage	of ore				0	5	0	*****	4	11	4
Total			****				*******								2171	8	11
				-				-									

COPPER ORES.

Sampled August 22, and sold at Swansea September 18, 1855.

Mines.		Produc						
Cobre	64	1234	£	13	16	0	Copiapo 27 2436 £27 12	6
ditto	103	12%		13	5	0	Berebaven118 93 10 10	0
ditto						0	Chili 32 453 52 2	0
ditto	88	12%		13	17	6	ditto 31 45\6 52 5	0
ditto	65	13		14	0	0		6
ditto	106	14%		16	1	0		6
ditto	.105	14%		16	1	6	ditto 16 218 1 0	0
ditto	108	14		15	5	0		0
ditto	107	13%		14	16	6		0
ditto	77	13%		16	5	0		6
ditto						0		0
Knockmaho	n.119	12%		14	4	6		0
ditto	113	13%		15	0	0		0
Copiapo	. 63	13%		15	0	0		0
ditto	58	13%		14	17	6		
							RODUCE.	
Cobre	5	979	£145	10	8	0	British Slag 65 £258 17	6
Knockmaho	n	232	. 33	87	15	6	Peninsular 45 411 5	0
Copiano		148	25	53	12	6	Barilla Slag 41 41 0	0
							D	

118 ..... 1239 0 0 Preamimma ..... 93 ..... 4864 4 0 COMPANIES BY WHOM THE ORES WERE PURCHASED.

Copper Miners' Company	107	£1586	5	6
Freeman and Co	12614	1871		9
Grenfell and Sons	37032	5478	13	6
Sims, Willyams, Nevill, and Co	203	3389	7	6
Vivian and Sons	39916	5952	9	6
Williams, Foster, and Co	30012	5113	15	0
Mines Royal Company	5919		7	9
F. Bankart	1811/2	3466	9	0
		-		
Total	1748	27,704	17	6

Copper ores for sale Oct. 2.—Cobre, 72, 70, 52, 74, 53, 50, 48, 101, 64, 63, 46, 26, 81, 68, 65, 61, 60, 59—Berebaven 121, 100, 95—Chili 57, 55, 53, 51, 50—Knockmahon, 73, 59, 46—Ballymurtagh 67, 45—Peninaular 55, 44—African 3—North Wales 16, —Coplapo 57, 11—Helvellyn 3, 2.—Total 2349 tons.

	AVERAG	ES.					
F	roduce.	Pric	e.		Stan	dar	đ.
British	10 1-16	£10 1	6 0		£129	8	0
Foreign	15%	17 1	2 6		125	6	0
Sale	14%	£15 1	7 0		£126	1	0
Totals-British, 48					wts.)		
AVE	RAGES OF L	AST S.	ALE.				
I	Produce.	Pric	œ.		Stan	dar	d.
British	16 11-16	*£18	1 6		£122	6	
Foreign	18 7-16	20 1	1 0	********	123	16	6
Sale	18%	£20	9 6			6	0
Totals-British, 4	6; Foreign, 13	21=12	67 to	ns (21-cw	ts.)		

COPPER ORES.

Mines.	Tons.	F	rice		Mines.	Tons.		rice	٠.
Devon Great	Consols ( 126	en	11	6	Phœnix		£5	2	(
W near Jose	MA	. 200	**		ditto	70	. 4	11	6
ditto .	119	. 7	15	0	ditto	43	. 4	7	
ditto .	114	. 8	19	6	West Caradon		. 9	9	
	113	3	10	6	ditto	74	. 8	13	-
	104	. 10	15	6	ditto	67	. 9	1	
ditto .	102	. 1	18	0	ditto	52	. 11	14	•
ditto .	96	9	0	6	ditto	50	. 4	9	
ditto	75	. 2	4	0	Hingston Down	85	. 5	19	
	43	1	14	6	ditto	62	. 12	4	4
ditto .	17	. 32	6	6	ditto	60	. 6	- 6	-
Wheal Ann	a Maria146	. 4	14	6	ditto	49	. 4	3	
ditto .	130		11	6	Wheal Arthur	82	. 4	9	-
ditto	112		2	6		81	. 2	12	
ditto .	111		18	0		54	. 3	17	-
ditto	108		7	0	Wheal Friendshi	p 60	. 16	18	- 6
ditto	78		16	0		56	. 9	B	-
ditto	76			6	ditto	52	-	13	
ditto	72		5	6	Bedford United	95	. 8	15	
ditto	65		17	0	ditto	70	. 7	12	-
	53		13	0	Sortridge Conrol	70	10	13	-
ditto	36			0		57	. 11	1	-
	34		5	0	South Bedford	105	. 4	B	-
	ny105	41	13	0	Wheal Franco		. 7	2	-
	95		4	6		40	. 3	1	-
	89		5	6		62	10	2	-
Wheel Mar	ia 54			0		18	4	4	-
Phonix	119		112	6	Wheal Zion		. 3	18	-
ditto	109		R	0	Wheal Crebor		. 5	14	-
ditto	95		5	6		40	- 10	3	-
ditto	94		18	6	Balkwill's Ore		. 1	10	1
	90		17	6	Wheal Fanny		4	10	-
ditto				- "-	RODUCE.	*********		***	

ditto	- 18	49	0	Conacomoe		***	-	- *
Wheal Maria 54	10	13	0	ditto	18	4	4	
Phœnix119	4	12	6	Wheal Zion	64	3	18	٠
ditto109	5	R	0	Wheal Crebor	40	5	14	
ditto 95	8	5	6	Hawkmoor			3	
ditto 94	3	18	6	Balkwill's Ore	8	1	10	
ditto 90		17	6	Wheal Fanny	1	4	10	(
	ro	FAL	r	RODUCE.				
Devon Gt. Cons				Bedford United 165		£1365	12	6
Wheal Josiah				Sortridge Consols., 127				
Wh. Anna Maria 2283 £132	79	8	6				12	
Wheal Fanny		-		Wheal Franco 93		498	6	-
Wheal Maria				Collacombe 80	******	702	5	-
Phœnix 706 48	117	15	6	Wheal Zion 64 Wheal Crebor 40		251	5 4	(
West Caradon 352 31	14	7	0	Wheal Crebor 40		228	0	- (
Hingston Down 256 18	148	. 8	0	Hawkmoor 40	*****	286	0	
Wheal Arthur 217 7	85	.8	6	Balkwill's Ore 8	*****	12	4	0
Wheal Friendship, 168 17		0	0	Wheal Fanny 1		4	10	0
Average Standard £1	46	10 0	11	Average Produce			6	14
Average Price per	r to	n		£6 8	0			-

Average Price per ton. 4705 tons | Quantity of Fine Copper, 29; tons 18 cwts.

Amount of Money. 530, 264 7 0

LAST SALE.—Average Standard. 5116 4 0.—Average Produce ...... 6%
Standard of corresponding sale last month, 1461, 6s.—Produce 61/6.

COMPANIES BY WHOM THE UKES	VER	PURC			
	088.		Amor		
Mines Royal Company	228	********	£1261	6	10
Vivian and Sons	889	********	5122	12	10
Freeman and Co	394		2521	2	- 0
Grenfell and Sons	216	**********	964	17	3
Crown Copper Company	20	**********	143	0	- 0
Sime, Willyams, Nevill, and Co.	551	***********		2	- 8
Williams, Poster, and Co	216				
English and Australian Company	388	************	2176		
Mason and Bikington	200	***********			
F. Bankart	499		2868	15	9
Copper Miners' Company	281	***********	2268	13	- 4
	901	***********			
		. 1	30,264	7	1

Copper ores for sale on Thursday next, at the Royal Hotel, Truto.—Mines and Parcels:—Perran St. George 601—United Mines 600—St. Day United Mines 371—Consols 458—Fowey Consols 417—South Caradon 500—Perran United Mines 215—Wheal Clifford 392—Great Crimis 120—Fembroke and East Crimis 111—West Crimis 60—Teviskey 35—North Wheal Busy 22—Wheal Ellen 19—East Wheal Leisure 17—Wheal Jewel 10—Unity Wood East 6—Fencorse Consols 5.—Total, 3799 tons.
Copper ores for sale on Thursday week, at Eawden's Hotel, Fool.—Mines and Parcels:—Thurcoft 301—Wheal Basset 644—West Saton 532—North Fool 459—South Frances 436—East Pool 373—Condurance 335—Wheal Seton 319—Camboranc Vean and Stray Fark 168—South Crofty 153—Dolcoath 106—Wheal Uny 49—North Crofty 36 Grambier and St. Aubyn 15.—Total, 4385 tons.

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### Notices to Currespondents.

- \*.\* Much inconvenience having arisen in consequence of several of the Number during the past year being out of print, we recommend that the Journal should b regularly filed on receipt: it then forms an accomulating useful work of reference.
- SALES OF ORES. We are preparing our usual Statistical Returns of the Sales of Copper, Tin, and Lead Ores, for the quarter ending Sept. 30, and shall feel greatly obliged for all particulars that may be furnished. Pursers and others are reminded, that by accurate returns being forwarded to us on the termination of the quarter, the produce of their mines being properly reported will be insured, and the occasional complaints of inaccuracy avoided.
- plaints of inaccuracy avoided.

  ASTURIAN MINING COMPANY.—SIR: An "Original Allottee" of the Asturian Mining Company kindly mentions my name in your valuable Journal of the 15th inst., and suggests the best possible plan, in my opinion, to prevent this considerable property from being entirely lost. On August 6, I wrote to one of my friends in the City, that I was ready to act; and, if seriously called on to do so, I had made my mind up to defend, to the utmost of my power, in Paris or Ma-rid, the interests of the English shareholders. I am able to say now, that it is not without reasonable hope of succeeding quickly and energetically.—Babox Morat: Chatean de Cateo, par Guérande (Loire Inf.), Sept. 17.

  "T. C. S." (Baker-street).—Mr. J. H. Lundt, who was entrusted with the negociation of the sale of the Sostersdal Copper-Works, left this country in the latter part of June, and it was stated that his absence would be for about a month. We have not learld that he has returned, nor are we able to give any account of the property of the works being resumed. The cause of their abandonment was a failure in the German method of smelting. An English mining captain was sent to report in the German method of smelting. An English mining captain was sent to report on the grows Expenses.—How IT MAY ne MADE SERVICKABLE AND VALUABLE.—
- on both the mines and reducing establishments.

  Mr. ENNOR'S EXPERIENCE—How IT MAY BE MADE SERVICEABLE AND VALUABLE.—
  SIR: In common with many of your readers, I have to acknowledge myself indebted to Mr. Ennor for his valuable communications, which I always read with pleasure. But it has occurred to me that he might render very considerable benefit to adventurers in mines by abandoning, as unworthy his great abilities, the remarks he has too frequently made of late, and confine himself to the more important matters of mining operations, such as giving good advice to epeculators, and not bings on points of but little importance to the public. Mr. Ennor would, in my opinion, do more service to the mining world, and much more justice to the country at large, if he would enforce the good old principle of endeavouring to get a promising lode, and then sink and drive with all possible speed, which is the only plan that can be pointed out to obtain success in mining.—As Observer: Sept 19.

  'A Subscriber' (Abingdon),—We invariably adout the suggestion of our correspond-
- A Subscriber "(Abingdon), —We invariably adopt the suggestion of our corresponds giving the amount of dues, mine cost, &c.; but in many in-tances the accordance are made up in such form, that we are unable to publish the items mentioned.
- are made up in such form, that we are unable to publish the items mentioned. MINGO GREAT COSSOLS MING.—Sire: Without entering into a consideration of the various letters you have received on the management of this mine, permit me to covered an erroneous impression which a statement made by a "Shareholder" (Northampton), in your Journal of last week, is calculated to create. He says, "Nor do we see any regular account of the sales of ore." Whether a "Shareholder" sees any regular account or not is, of course, no business of mine: 1 can only say that an account has regularly appeared in the Mining Journal of every sale of ore made by the company; and I would refer him to page 73 of the precent year's Volume for particulars of the first sale; page 233, for the second sale; page 345, for the third sale; and your present number, for the fourth sale, "Thos, Lewis, Purser: Burningham, Sept. 19.
- Mr. Low's Payers, and the Extraction of Gold from its Matrix by Smeltisg.

  Six: Will any of your numerous correspondents, who have paid attention to the above subject, examine Mr. Low's patent, and say if his process is not "as old as the hills," and identical with that carried out by Mr. Baldwin, at the Cwmheisian Mines, some years ago?—Doubt: London, Sept. 18.
- Allies, some years ago?—Doebt: London, Sept. 18.

  The Minsto Exchasors.—We have received several letters having reference to the members and management of this establishment. The names of the members are before the world, therefore any statement respecting them can only appear with the writer's name attached. With the rules passed for observance in conducting the business proceedings, there may be a difference of opinion as to their necessity, or effect, but there can be no question but the committee are actuated by one only motive—that of attaching a more bona fide character to mining business, with the object of creating a more popular public feeling towards the investment in mining undertakings.

  With Exchange We Leffen, of the Mount Carbon Company is the receiptors and
- WHEAL GUNES:.—Mr. Jeffree, of the Mount Carbon Company, is the secretary, and the offices are now at Cannon House, Great Queen-street.
- the offices are now at Cannon House, Great Queen-street.

  ASTURIAN MINING COMPANY.—Sil: I observe with much pleasure a letter in your last week's Journal from "An Original Allottee," respecting the affairs of this most unfortunate company. I perfectly agree with rour correspondent, that some decisive steps should be immediately taken in order to preserve the remnant of our property; but allow me to add, in common fairness, that at this moment our sole surviving director, Mr. Kenneth Mackenzie, is in Parls, whether for business or pleasure, or a combination of both, as "An Original Allottee" infers, I am at a loss to guess. Let us hope that on his return be, in conjunction with the trustees, will devise such means as may be found satisfactory to their constituents, who have embarked such barge sums in this unfortunate undertaking. They must be up and doing, if they would save the wreek from Senor de Grimaldi. Our interests were entrusted to them, and failing all other means, it becomes an incumbent duty on us to look to them.—Justificat. Cornhill, Sept. 19.

  "A Shareholder" (Pimlico).—The half of the dividend, both on the preference and consolidated stock, will be paid some time in October. The Company of Copper Miners in England lost little more that 1000% by the failure of Messre, Strahan, Faul, and Battes.
- Miners in England lost little more that 1000t, by the failure of Messers, Strahan, Faul, and Bates.

  \*D. C. F.? (Chelsea).—The mine is unquestionably a valuable property, and there can be no opinion but that the shares would be taken up, provided the incompetent parties who have hitherto missiannanged it were to retire from the direction. So soon as the so-called manager evacuated the property, the ores were of a higher per centage and the returns better. In due justice to him, according to all received accounts be endeavoured to raise them to a still higher per centage, but having no knowledge of dressing, he wasted nearly as much ore as he obtained, and that got was at such a cost that it did not pay the expenses. There was no honesty of purpose displayed by the promoters; and although they might be exceedingly elever in ushering such things into public notice, experience proved they were totally incompetent as managers, inasmuch as they spoiled a good property; and the only just inference that can be drawn is that they were speculators, who never regarded mining as an investment, but endeavoured to extract as much out of the public by the sale of their shares as possible. They professed to say that a certain amount of capital was subscribed, when they were perfectly aware that of their own quota they had careely contributed a shilling, in comparison with that paid by others, but we believe at the present time there is no market for them.

  Model of A Lead Mine at the Crystal Palace contained a well-executed model of a lead mine, a friend of mine proceeded there for the purpose of making a drawing of it, but not finding what he sought, he applied to Mr. Deane, of the exhibitors' department, and was informed there was nothing of the kind in the Palace. As it seems old that so curious an optical delusion should have occurred to my informant, can any of your readers enlighten me on the subject, or tell me where a model of a lead mine can be accurated. Robinson: Fenchurch-street, Sept. 20.

  Melbourger, C. S.: Sept

- they will publish their report? From enquiries I have made, I understand the committee are proceeding in their duties, and that the report may be expected in November,—C, S,: Sept. 20.
- covember.—C. S.: Sept. 20.

  South Robert and Sorthog United.—Sir: In reply to the statement in last week's Journal, I beg to say that I have since taken more particular notice of the bearing of the lodes in the neighbourhood, and I find Lady Bertha, Devon Buller, and Yeoland Consols to be just in a line; the latter your correspondent acknowledges to be two mites south of South Robert, &c., which clearly proves that those lodes cannot pass near this sett. If Mr. Pomroy knows of no other the lodes on Roborough Down than Yeoland, I have no hesitation in saying that he knows but very little about the neighbourhood. I still contend that the Yeneton iron course passes through the sett, as we can easily trace it from the Down by the red stains in the ground at the surface, being many fins, wide. One thing more I would add, that such incorrect statements are a serious injury to legitimate mining.—P. II. Barratt: 7a-vistock, Sept. 19.
- CHEAT CAMBRIAN MINING COMPANY.—"H." (Leeds).—A very excellent offer has been made, to take this property upon lease, that would eventually partially relieve the shareholders; but the affairs are so enfangled by law proceedings, that it is expected considerable difficulty will arise in making out a good title to the mines.
- GREAT CONSOLS COPPER MINING COMPANY.—SIR: I am sorry you could not the whole of my letter, in reply to "An Old Subscriber" and Mr. White 's letters, as they were filled with misrepresentations which I cought to expose under not you, in your condensation, the condition of the co I should not, however, have troubled you again, had not you, in your condensation made an error which it is necessary should be corrected. You represent me as any ing that there is no necessity for an additional agent, "as the mine is to be it spected by Capt. Eddy:" my letter said, "as the mine has or eccently been inspect by Capt. Eddy:" I would, in conclusion, ask "Shareholder," who writes in you last Journal, what he means by his recommendation "to wind-up the mine, in cathe last call proves insufficient, rather than carry on a mere speculation?" Ca he point to any of the progressive mines not paying costs (a very small proportio of the whole number) which are not speculation; and would he, on this account have them all knocked?—An Original Sharkholder, residence in Warnweighter. Sept. 20.
- LEEDS TOWN CONSOLS.—"One close Home" should append his name to the letter he wishes to appear. It could hardly be expected that such a letter would appear with out being so authenticated, that the party complained of should know the writer out being so authenticated, that the parity complained of should know the writer fox Tor.—Size: For the information of "Observer," I would remark that the Fox Tor was brought out by a committee, who without, as I can learn, paying on a single share, issued many, and that without ever holding, during the two years of its existence, one meeting. The pureer being equally reprehensible; for, after selling in to produce 201., he allowed the property to become forfeited, while the miners, for arrears of wages, had recourse to the Stannary Court, which ordered the sale of the machinery, the proceeds of which might, perhaps, satisfy their demonds. Latterly, I perceive the shares have been marked %; although their real value it would puzzle any sharebroker to testify.—A. V. N.: City, Sept. 19.

  Louron's Stram Boilen.—We will give the information required, if possible, next week. A descriptive prospectus is now being printed, which will be noticed in the usual column of the Mining Journal.
- asuar column of the Mining Journal.

  A Scientific Man" (Derby).—Although at the British Association, at Glasgow, Mr.
  Evan Hopkins's theory was disreparded,—that, in the course of geological changes,
  England had once been in the Torrid Zone, and in time would be in the Arctic Circle;
  however strange this may appear, to a certain extent he is borne out by several
  of the Scandinavian naturalists. Pastor Lestadius, one of the greatest botanists
  of the day, has demonstrated that Finmarken, Lapmark, and several of the more
  northern regions of Norway and Sweden, are less favourable to regetation now than
  they were two centuries since; in fact, many trece and plants that did then live
  espact now exist there.

- REVERBERATORY FURNACES.—Sin: In your Journal of the 8th inst., an announcement appeared, from Mr. C. Dodsworth, of Haydon Bridge Iron-Works, to the effect that Mr. Addison, of Penrith, had, five years ago, invented a smelting-furnace similar to the double reverberatory furnace patented by Mr. Alfred Jonkin. The statement did not in the least concern the proprietors of Jonkin's patent, in any other sense than that the assertion was calculated to lead the unwary into error, resulting from the supposition that the bold statement was correct; and to obtain the necessary information respecting Mr. Addison's furnace, in order to lay the circumstance of the injurious statement before the legal advisers of the proprietors of Jenkin's patent, Mr. Jenkin went to see Mr. Addison's furnace, when, to his amazement, he jund nothing in the world but the old copper furnaces, one above the other, precisely the same as were used dozens of years ago, the defects of which are too well understood by practical smelters to require repetition, and which defects it is now proved practically that Jenkin's patent completely remedies.—ONE INTERESTED.

  "G. G." (Jincoln).—The Anglo-Calif m'an Gold Mining Company, some time since.
- G. G. J. (Lincoln).—The Anglo-Calife raian Gold Mining Company, some time since, sent out funds to redeem their propert; which was effected with unusual advantage. So soon as the rainy season sets in operations will be commenced. The next general meeting will be one of considerable interest.
- general meeting will be one of considerable interest.

  GREAT CAMBRIAN MINING AND QUARRYING COMPANY.—"An Old Subscriber."—This company may be considered to be virtually at an end. The attempt to raise new capital proved a failure; they are now entangled by Chancery proceedings, and are deeply in debt. Mr. Mossop, of Pinner's Hall, Great Winchester-street, was the gentleman who last attempted to resuscitate the company, and will, no doubt, furnish our correspondent with any particulars he may require.

  EAST BULLER.—"A Subscriber." —The number of shares in this mine are 1924, and not 2000, as stated by Mr. Tredinnick, in his notice which appeared on the 8th inst. The present price is 8½ to 9½ per 102 th share.

  We have received a communication respecting the proceedings at the recent meeting of the adventurers of the Trebarvah Mine. Space prevents its appearance in our Journal of this week, but it will appear in our next.

In course of preparation, a New Number of

### Che Mining Manual, Almanack and Guide.

- To be continued annually, price 3s. 6d.

  The contents will comprise claborate Statistical Returns of Mines and Metals; comparative values of Shares; lists of Dividends and Calls; all the Home and Foreign Mining Companies, their directors, committees, and officials. Names and situation of the Collieries and Iron-works in England, Wales, Scotland, and Ireland: together with a valuable selection of Miscellaneous Information, of use to the Capitalist, Miner, and Adventurer.—Office, 26, Fleet-street, London, where all communications are requested to be addressed.
- The MINING JOURNAL has been duly registered at the Post Office, and the Stamped Edition (6d.) can, therefore, be posted and re-posted, as heretofore, for the period of 15 days, care always being taken that the stamp is to be plainly seen. The Unstamped Edition (5d.) can be forwarded by post on affixing a postage stamp.
- For the accommodation of our City correspondents, communications or reports may be left at Messrs, Hancock and Sharp's, No. 20, Tokenhouse-yard, where there is a box to receive them; but in all instances it will be preferred that they be sent direct to the office,

### THE MINING JOURNAI

Railway and Commercial Gagette.

LONDON, SEPTEMBER 22, 1855.

The frame of the Deed of Settlement will constitute an important element in the constitution of companies to be formed with limited liability. The Registrar of Joint-Stock Companies had been in the habit of assuming an arbitrary, and far from authorised, power over the frame of the deeds of such companies; but it is now generally understood that he has been directed by the Board of Trade to confine his objections to the consideration, first, whether the object of the company, and, consequently, of the deed, was legal; and, secondly, whether the clauses and provisions introduced into the deed were consistent or not with the 7th and 8th Vic., v. 110, the Joint-Stock Companies Registration Act. The statute for limiting liability will, of course, now impose an additional duty on the Registrar—namely, to see that the deeds regulating companies to be formed with a view to avail themselves of the privilege it confers, are also conformable view to avail themselves of the privilege it confers, are also conformable

—namely, to see that the deeds regulating companies to be formed with a view to avail themselves of the privilege it confers, are also conformable with the Act.

Great caution must be observed, not only in the structure of the deed, but in the future conduct of companies with limited liability, that there is no departure from the strict province for which they obtained the privilege, or from the line of business for which they are incorporated. Such a departure would be illegal, and would, probably, involve the directors, and, possibly, the shareholders, should they sanction it, in the consequences of being held liable, without any limit, for a contract so made. In a very recent appeal from Lord St. Leonakus, when Chancellor, the House of Lords, during the last session, while affirming his judgment in the case of the Eastern Counties Railway Company, appellants, r. HAWKES, laid down some important propositions of law as affecting railway companies, the principles of which will probably be held also applicable to other joint-stock companies. It was amongst other things decided, that if a company made a contract for the purchase of land, that they were bound by it, although their special powers of taking the land had expired before the completion of their purchase. The safety of mankind in these every-day dealings requires that the doctrine of companies exceeding their powers should be confined within very narrow limits, and must be restrained to clear cases of excess of powers, with the knowledge of the other party vitter expressed or implied, from the active of the party tester. every-day dealings requires that the doctrine of companies exceeding their powers should be confined within very narrow limits, and must be restrained to clear cases of excess of powers, with the knowledge of the other party either expressed or implied, from the nature of the party treated with, or of the contract entered into. It was accordingly held, that if a company purchased more land than it required, although this might raise a question between the directors and the shareholders, it could not avoid or affect the contract with the seller. A further proposition, perhaps more nearly affecting all joint-stock companies, even those invested with limit ted liability, was affirmed—namely, that at common law a contract even under the seal of the company could not be inforced, if its effect was to divert the funds of the company to purposes foreign to the avowed object of its constitution. It would seem, therefore, that a company formed with limited liability for one object, cannot legally, and without the risk of forfeiting; its privilege, apply its capital or its resources to another and different purpose, at least without new registration.

Many of the apprehensions which were so generally entertained as to the effect of introducing the principle of limited liability, are, we are pleased to perceive, passing away. We have always considered that if the operation of the measure was, on the one hand, to encourage speculative enterprise, it could not fail, on the other, to render caution more circumspect with regard to credit. Unprofitable operations will soon teach those who engage in them that it is far easier to lose their own money than to sport with the funds of others, and the limits of risk will be soon circumseribed within those of responsibility. Of the many projected companies, some are necessarily destined to be still-born; for we believe it will be proved by experience that the new law, instead of engendering a vicious taste, is likely to create an increased degree of wariness in small transactions as

ystem of trade, will be controlling that of credit. At the commencement sanguine expectations may be in many instances disappointed, but as it must extend the relations of commercial intercourse, it will be found in a great measure to substitute realities for very artificial associations. It is too early yet to speculate upon its effect on existing cost-book mines, the more particularly as the Act of the last session for extending the Stannaries' jurisdic-

speculate upon its effect on existing cost-book mines, the more particularly as the Act of the last session for extending the Stannaries' jurisdiction tends to give validity to such companies; but a short experience of the measure will probably lead to its adoption even within the precincts of the counties, within which that Court is empowered to exercise its authority.

While we thus are indulging in conjecture as to the effect of the new Law of Limited Liability in England, a very useful publication on the operations of the Bourse, or a Manual of the Public Funds, compiled by Mr.

A. Courtots, has appeared in Paris, and the account given of the Societe generale de Credit mobilier is at this moment of peculiar interest. We have here the details of a very extended joint-stock association (societe smenyme), authorised by a decree of the 18th of November, 1852, with a paid-up capital of 60,000,000 francs (2,400,000!. sterling), in 120,000 shares of 500 francs each (201), payable to bearer; the offices of the company 99 years. The affairs are managed by a council of fifteen, an executive committee of five administrators, executing the decisions and directions of the council. The general meeting takes place in April, and is composed of 200 of the largest shareholders, every member of which has as many votes, never to exceed five, as he has multiples of forty shares, and every year's accounts are closed at the end of the year.

The operations of the council is dealing in all kinds of public securities and those of companies, such as railways, canals, mines, and these feet to be unlawful which the law has prohibited, the submitted to the company Act to be unlawful which the law has prohibited to the raw who receives are equally guitty. If it be unlawful the payed the two who receives are equally guitty. If it is counted to the containt of the count is fully guitted to the new who receives are equally guitty. If it is counted to the individual the payed to pay it is quite settled to be equally unlawful to furnish the

other public works, established or to be established. It is authorised to other public works, established or to be established. It is authorised to issue its own securities, equal to the amount of the sum invested in purchasing or subscribing for shares. It is empowered to sell or raise money on deposits of shares or other securities, or by exchanging them. It proposes for all loans and sells them, and it also proposes for public works. It lends money on public funds, on the deposit of shares and other securities, and opens current accounts on such deposits; it receives lodgments on similar accounts; it undertakes the management of companies, to pay their dividends, generally transacting all their business, and also acts as agents to parties dealing with them. All other operations are expressly prohibited; and it is distinctly understood that it nover deals in time bargains. The nett profits are thus appropriated,—5 per cent, as the interest of the capital on the shares subscribed, and 5 per cent, to the reaerved fund, which is not to exceed 2,000,000 francs. The surplus belongs one-tenth to the administrators, or managers, and the remaining nine-tenths are distributed among the shareholders. The profits of 1833 allowed a dividend of 13·40 per cent, on the paid-up capital, and 11·30 per cent, for the year 1854.

dividend of 13-40 per cent. on the paid-up capital, and 11-80 per cent. for the year 1854.

The marked peculiarities of this great association are to be found in its undertaking all the business of all kinds of companies, especially of those who engage in public works, and in its making advances on all kinds of shares. New companies are brought out under its auspices; and its undertaking an agency is considered a passport to success. Railways, foreign as well as French, are worked under its management; and it at present exercises considerable influence over commercial transactions in France. It has entered into a treaty with the Government of Austria for making all the railways in that country; and may be characterised as at present the most active and enterprising association in Europe. Great Britain has long taken the lead amongst nations in commercial advance, but she seems to be outstripped in the spirited progress of the Society de Credit mobilier; perhaps, however, we may yet see example followed in the foundation of a similar association, with the same objects, in this metropolis.

We have repeatedly, on former occasions, directed attention to the effect and operation of the provisions of the statute generally known as the Truck Act. The third section enacts that the entire amount of wages carned by,

and operation of the provisions of the statute generally known as the Truck Act. The third section enacts that the entire amount of wages carned by, or payable to, any artificer in any of the trades therein enumerated, amongst which is that of the raising and working of coal, shall be actually paid to such artificer in the current coin of the realm, and not otherwise; and every payment made to such artificer by his employer of, or in respect of, any such wages by the delivering to him of goods, or otherwise, than in such current coin, is thereby, except in certain specified cases, declared illegal, null, and void. A variety of cases have occurred between employers and their workmen, and the current of decisions became so uniform, that the course of dealing which the Act was intended and framed to prohibit may be said to have, in a great measure, ceased.

A now question has, however, recently arisen, before J. M. Herbert, Esq., Judge of the Monmouth County Court, in which the principle and prohibitory effect of the Truck Act has been carried much further than heretofore, by a decision that where a tradesman supplies goods on the orders of an employer for payment of wages, in violation, or in evasion of the Truck Act, he cannot recover the amount from the employer by whom the orders were given. The plaintiff, in this instance, was a person of the name of Lewis, and the action was brought against the defendant Philips, the owner of a colliery, to recover 304, 15s, 10d., for goods sold, and delivered, a portion of the goods, amounting in value to 44, 10s, having been supplied to the defendant himself. This part of the demand was not disputed; a set-off for 14, 19s, 8d, was admitted by the plaintiff, but the rest of the claim was for the price of goods delivered to working colliers, in the employment of the defendant, upon orders signed by him, and addressed to the plaintiff. It was stated by the defendant that he did not know or care whether the men received good or cash on the orders, but there seemed no reason to and some exceeding; and the was minitted by the defendant that her did not know or eare whether the men received goods or cash on the orders, but there seemed no reason to doubt that the plaintiff knew that the orders were given to the men in payment of their wages. It was conceded that the plaintiff had no interest in the celliery, and that the defendant had no interest in the plaintiff's shop, or in the profits arising from the sale of the goods. The men who had received the order appeared to have been satisfied with the mode of payment, and had need sought to charge the defendant with their wages, on the ground that the mode of payment was contrary to the policy and provisions of the Truck Act. These facts raised the question fairly, and when the case came on for discussion, it was argued for the defendant that he was not liable for the goods so supplied to the men, such a delivery being illegal, and in direct contravention of the enactments of the Truck Act. It is not our province to enquire into the strict morality of such a line of defence, but upon the hearing, the Judge seemed to intimate an opinion that as the plaintiff had no interest in the colliery, or the defendant in the shop, the case was not within the mischief sought to be remedied by the Act; however, reserved his opinion, in order to consider more carefully the provisions of the Act, and the law bearing upon them. In delivering his final judgment on a future day, he observed that two questions areas—first, whether this mode of paying the men their wages was prohibited by the Act? and whether, if illegal, the plaintiff who supplied the goods for such a purpose could recover the price of them?

As to the first, it appeared to the Court, upon an elaborate review of the such a purpose could recover the price of them?

As to the first, it appeared to the Court, upon an elaborate review of the court is an activated and whether, if illegal, According to the strict language of the Act, wages must in every instance be paid in the current coin of the r

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with a previous knowledge of the illegality of the transaction accordingly, been held that money lent for the purpose of paying losse on illegal stockbroking transactions, to which the lender was not evalently, could not be recovered back, for the Court is bound to consider every Act to be unlawful which the law has prohibited; and those who pay and those who receive are equally guilty. If it be unlawful, there-

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ished beyond to be done, as to do the thing ther is aided in rt of law. usestion of illeant upon these were for each, of the amounts and their option deing, by these that the plaintif by them in paywithin the au-

thorities referred to, and that the plaintiff could, therefore, only recover the price of the goods supplied to the defendant himself, and not of those supplied, on the defendant's orders, to the men. At the close of the case the Judge also intimated that, under the very strict provisions of the Act of Parliament, the workmen may again sue the defendant for their wages, the goods delivered to them not being any payments whatever to them of the sums due to them for wages.

A number of highly important papers have been read at the meeting of the Barrisat Association, at Glasgow; and in his opening address, the Duke of Asovitz tomided the members "that it was in this Valley of the Clyde that the patient genius of Warr perfected the mechanism which first gave complete control over the powers of steam, and that it was upon those waters, too, that those powers awer has applied in a manner which has given the properations of var."

Amongst the subjects which attracted marked attention was a paper in the department of Mechanical Science, by Mr. W. J. Maccours Raxists, who presided, introducing to the notice of the association the numerous defects in the now Parent Law, and its administration. During the discussion, the Earl of Hannowar referred to the report of the Internet of the Company of the Clyde of the Internet of the Company of the Clyde of the Internet of I

towards the muzzle. Every discharge changes the form and structure of the gun, so that there is reason to believe that no cast-iron gun can be expected to stand more than 400 or 500 discharges with spherical shot. The face required to give the rotatory motion to a ball is equal to one-half of the simple projectile force; and hence, while a shot from a plain bore is projected with a velocity of 1500 feet per second, that from a Minie rifle is not more than 900 feet. It was clear that east-iron was not the best material, as it had not sufficient power to resist repeated percussive action; and, from the statements in the public papers, the attempts to make guns of wrought-iron had failed. The older guns were made of bronze, and it was rather singular that the guns which Mahomer II. had made of that stateful were still at the Dardanelles, where they had been used with stateful were still at the Dardanelles, where they had been used with stateful gainst our own ships of war, and against the Russians. They lad a bore of 3 feet, and were fired with a charge of 200 lbs. of powder, prejecting an enormous granite ball, a yard in diameter. If the Turks could formerly cast cannon to stand such a charge, was it not strange that we cannot now surpass them? He then referred to Mr. Strekinse's patent togethead cast-iron, formed by combining scraps of malleable iron with his pigs when cast, and observed that, although this process had failed vian used in ordnance, it was found to answer admirably in ordinary catings, which required strength.

Mr. Farranken observed, that most of the iron of which our guns are any made is inferior to that in use some years ago. He had recently been and build. When Mr. Strekinse's toughened iron was used, it was found by good as common iron, and the guns soon burst. All the guns were we call the deal of the coloring of such a

large mass of metal forms a varied granulation, which is not so strong in the centre as at the outside. The Americans still follow the plan which, it was remarked, was adopted more than a century ago in this country, of casting all their guns with a core; they then run a current of cold water down the centre, which cools the metal inside and outside more equally. With regard to the length of guns, Mr. Fairbarba observed that the 13-inch mortars at present in use should be at least 1 foot longer, as 50 lbs. of powder would have more effect, because its force was exerted for most allonger time upon the shell, than 60 lbs. with the shorter bore. The form of the mortar was also objectionable, as the thickness of the metal was the better if the thickness were diminished at the muzzle, and increased at the breech. With regard to the durability of guns, he remarked that those of ordinary calibre were supposed to stand from 600 to 700 rounds, but they always gave way at the vont or touchhole, which became conical; but, by putting a tube in the bore, they were found to stand about 700 rounds more. The irron was not certainly of the excellent quality we had formerly: that made by the hot blast answered for ordinary purposes well, but he did not think it best for artillery. The Russian irron ores were chiefly magnetic, and made excellent guns; while almost all the Turkish ordnance was made of gun-metal, a mixture of copper and tin. Mr. Mryer, of Blackwall, is now making a gun of three feet bore, the breach of cast-iron, and the tube of direction of malleable iron, bolted by immense bolts to the breach. There was great difficulty in making guns in party as every explosion changes their relative position; he, therefore, preferred was a constructed in which obstacles are only recently overcome. Mread an interchange of hospitalities has taken place of civilisation and progress against devaluations of the sumity which lasted for nearly eight hundred years hat pass od away, and an alliance of civilisation and progress against d

MEYER, of Blackwall, is now making a gun of three feet bore, the breach of cast-iron, and the tube of direction of malleable iron, bolted by immense bolts to the breach. There was great difficulty in making guns in parts, as every explosion changes their relative position; he, therefore, preferred casting them perfectly solid. It must also be remembered that the artillery of the present day was very large, and the Government are at present endeavouring to procure some charcoal cast-iron from Nova Scotia or Sweden. In the Bay of Fundy, there were immense supplies of iron and wood, from which a superior metal could be made.

In the Geological Section, a very interesting paper was read by Mr. Evan Hofrins, "On the Gold-bearing Rocks of the World, and their Superficial Metallic Productions." According to this eminent authority, the auriferous veins likely to prove very productive are the auriferous pyrites, and the great productions of gold have hitherto been obtained from superficial deposits. The reason why it is generally conceived that quartz is the matrix which produces gold, is that the precious metal, after precipitation, adheres more strongly to quartz than to the other auriferous rocks. Although the quartzose bands produce occasionally large masses of gold, yet the quantity bears but a small proportion to that which is obtained from the ferruginous and talcose slates. Prof. Nichola also read a paper "On the Auriferous Quartz Districts of Australia," by Mr. J. A. Camprell, of Glasgow, formerly of that colony. Mr. Camprell, believed that the gold fields were inexhaustible, that the finding of gold was only in its infancy, and that when efficient machinery shall be brought to operate on the Australian rocks, there may be then found gold sufficient to liquidate the National Debt. Sir R. I. Murchison stated that he had been in communication with the Governor of Australia, and it was undoubted that, although the population had of late largely increased, the produce of gold had decreased. The country was a virgin

Long after the system of free trade was considered an acknowledged fact in this country, our neighbours on the opposite side of the Channel, now happily our firm and consistent allies, still encouraged the system of protective duties. Among those who more particularly opposed any modification in the then existing tariff were the ironmasters of France. At this period the cheapest and best rails are made in Wales, at a price varying from 71. 10s. to 81. per ton, while French and Prussian are from 141. to 151. per ton, and Austrian are as high as from 191. to 201. per ton, and even then they cannot, owing to the scarcity of the raw material, and cost of production, return a sufficient quantity, the demand always being in excess of supply, while we are enabled to execute orders to almost any extent. In the month of November, 1853, a decree appeared in the Moniteur; and, with that enlightened policy which has always since his accession to the throne characterised his Imperial Majesty, Napoleon III., he has, in a late decree, reduced the duty on cast-iron, wires, and machinery, so as to make them harmonise with the previous ordinance. The duty on steel is reduced to 50 fr. per 100 killogrammes, and 70 fr. in the case of steel wire, for musical instruments. The duty on machinery ranges between 15 fr. and 65 fr. when complete, and between 15 fr. and 200 fr. for separate pieces, the duty gradually increasing in the inverse proportion of the weight.

Our space will not allow us to detail the whole of the modifications of the new tariff, but a few instances we will cite—Land steam-engines from 30 fr. to 25 fr.; marine engines, from 45 fr. to 35 fr.; printing presses, from 40 francs to 15 francs: in several instances articles have been reduced as much as 59 per cent.; and the tariff, although not embodying the whole of the doctrines of free trade, is nevertheless a considerable instalment towards it, and every way worthy of the Sovereign who has, by these concessions, inaugurated a great principle.

been reduced as much as 50 per cent.; and the tariff, although not embedying the whole of the doctrines of free trade, is nevertheless a considerable instalment towards it, and every way worthy of the Sovereign who has, by these concessions, inaugurated a great principle.

Although at the first it may seem that some vested interests for a short period will suffer, yet the time is past when it was generally acknowledged that the many should be sacrificed for the benefit of the few. In making these remarks, we shall be told by some carping individuals that monopolics exist in England, and that it would be better we should endeavour to amend these before we talked about our neighbours. We are told we have our water companies, who on payment of a considerable sum of money supply us with a deleterious element; our smelting firms, who coerce the market, &c.; and foreigners, with great justice, point to our municipal abuses, showing how, in contradistinction to their own, these are in general inefficient, and possessing no activity, unless on those occasions where a job is to be perpetrated. This we are not prepared to deny; all these evils have been attacked, and sooner or later must succumb to the power of progress and competition.

The reduction of the French tariff cannot but be considered by all parties as a measure of great importance. Although the French iron manufactures in the Paris Exhibition show a considerable improvement, yet it cannot be denied that they are wanting in the productive power which has so much enhanced the wealth of this country. Their iron and coal beds do not lay in such close proximity to each other as ours do in the British Isles; several railways are still urgently required in France, and the supply for the munitions of war, likewise, creates further domands; although during the past year a protective duty of 25s. per ton on pig-iron has been exacted in France, yet a brisk trade has been carried on between the French ports and Scotland. The manufacture of pig-iron in the United Kingdom

shown from the Scotch, Welsh, Shropshire, and Staffordshire coal fields, the proprietors of which annually expend 20,000,000/... and give good wages with employment to 100,000 hands. The principal companies who exhibit iron there for common purposes are the Dowlais, Ebbw Vale, Blaenavon, and Weardale Companies; while for special purposes may be mentioned Messrs. Barrows and Hall, Butterley Company; W. Millington and Co.; Lord Granville, and Bagnall and Sons. There are, likewise, good specimens from the Tredegar, Derwent, Carnarvon, and Rhymney Companies; so that, on the whole, it may be assumed that the British iron trade is fairly represented at the Paris Exhibition.

From all received accounts, it would appear that several of the products brought forward by our neighbours are superior in quality, but these have been manufactured solely for the purpose, and, therefore, cannot be considered as a criterion of general production. Although practical utility and durability have been generally conceded us, yet hitherto taste and elegance have been awarded to our neighbours.

Although, in some measure, we may not for some time to come dread any formidable rivalry, yet the report of Mr. Warington Smyth to the Board of Trade states, that it is highly important that both masters and men should be made aware of the considerable progress of the iron trade in several of the continental states. Since 1851 the blackband ironstone has been discovered in numerous bedo in Westphalia; several furnaces are already at work, and about 40 of the largest dimensions are in operation, or are now building. These are illustrated by specimens and plans, which prove that there exists a competition, which can only successfully be met by increased intelligence, constant exertion, and such an economisation of labour, as to supply a better article at a cheaper rate than other countries.

In concluding these digressive remarks, we cannot but reiterate our firm

Our advertising columns of to-day announce the progress of a measure, of which we heard something as far back as last year, but the delay that has taken place in bringing it forward had naturally given rise to an opinion that the affair was defunct. It appears however, that such is not the case; and the delay is stated to have arisen from the vexatious obstacles thrown in the way of the measure by certain officials before whom the application for a Royal Charter for the company was last year brought in due course, and which obstacles are only recently overcome. We allude here to the Charteled Colonial First Company, which, it seems, is now being duly organised, and we presume will, as intimated, shortly come before the public, with the customary details. All that is announced at present is, that "the object of the company is to prepare, upon an extensive scale, by patented machinery, the several valuable fibres which exist in our colonial possessions for various textile purposes, ropes, twine, and paper." The object thus shortly stated would certainly appear to be an important one, and if the company can accomplish it upon an extensive scale," and produce what they would seem to expect, there can be little doubt of a successful issue to the undertaking. Putting out of view what directly relates to "textile purposes, ropes, and twine," we confess to a little personal feeling in whatever has reference to the production, in quantity or quality, of "paper," in which we can anticipate that many of our contemporaries will concur. And as far as our recollection serves us, some specimens, both of fibre and paper, which came under our notice when the subject was mooted last year, if they can be produced on reasonable terms, promise to be of great and general advantage. We say this irrespective of our present relations with Russia, from whence we have been accustomed to receive our largest supplies of flax and hemp; and if raw materials of equal quality and general value can be obtained from our own colonies—which would

as upon the several departments of our home trade, to which the articles in question are represented as being applicable.

An old adage says "honesty among thieves," but it would appear that this proverb is not carried out in every instance, and that there are some parties in the world, even though they are of the legal profession, who disgrace themselves by acts which Jack Sheptarad, Jonathan Wild, or other rogues of that stamp, would consider mean and pairry, and totally unworthy of their noble calling. True, they do not commit burgharies, felonies—nay, they do not even descend to larceny. Their knowledge of the law protects them from this; therefore, they rob legitimately—that is to say, although the world in general looks on them as black sheep and immoral secondrels, they are not legally guilty. On no occasion have they the courage to place themselves within the pale of the law, but by a course of chicancry they endeavour to avoid it, and thus lead a dishonoured and disgraceful existence, not enriching themselves, while they are constantly plundering others. We are led to make these remarks from some circumstances which have lately come under our notice. A gentleman possessed of a little property purchased a mine; some considerable sums of money were laid out upon it, the plant was in good order, &c.: in an evil hour he introduced it on the London market; one of these company makers got his ear, a direction was organised, the proprictor was to receive a certain quantity of free shares; the directors and the promoter were likewise to have a portion, the understanding being that none of these should be issued until a dividend of — per cent, was declared on those paid up. Foolishly acting upon these terms, the proprietor ratified the agreement. After some considerable period the mine, owing to mismanagement, was abandoned, and it was then discovered that not only had a number of free some considerable period the mine, owing to mismanagement, was abandoned, and it was then discovered that not only had a number

tions, satisfactority answered, with the them whether their capital is to be employed as a speculation or investment.

New Era in Nautical Propulsion—Furnace Blast.—Our notice has been directed to an invention, called the "Hirudine Propeller," which aims to supersede the screw, paddle, and all other ship-propelling contrivances yet practically known, and claims to inaugurate a new era in nautical propulsion, paralleled only by the introduction of steam itself; and whilst it can be used either for propelling or steering power, it is also applicable for an economical and powerful furnace blast. As steam, in supplicable for an economical and powerful furnace blast. As steam, in supplicable for an economical and powerful furnace blast. As steam, in supplicable for an economical and powerful furnace blast. As steam, in supplicable for an economical and powerful furnace blast. As steam, in supplicable for an economical and powerful furnace blast. As steam, in supplicable to develop its force, and found them in paddles, scrows, &c., so these appliances, after many transitions of form and mutual adaptations, seem at length to have reached their highest practical development; and now in turn the "Hirudine" discovery presents itself in the theatre of mechanical action, and with its inherent aqua motive-power of from one hundred to fine hundred hundred to fine hundred to fine hundred to fine hundred hundred to

IMPROVEMENT APPLIED TO STEAM.—In the series of experiments which have recently been carried on at New York, under the personal superintendence of Mr. Charles W. Copeland, in relation to the engine which has been designated the "Cloud Engine," the principle of which consists in mixing cold air with ordinary steam, it is assumed that, in addition to the familiar forms of ice water and steam the acucous element is capable of familiar forms of ice, water, and steam, the aqueous element is capable of existing in a state of vesicular vapour, or opaque steam—a form more familiar to the eye than the transparent steam. In the vaporous state, higher existing in a state of vesicular vapour, or opaque steam—a form more ramiliar to the eye than the transparent steam. In the vaporous state, hitherto, steam has never been before suspected of possessing any mechanical power above, or even equal to, that of steam in the transparent state. If a glass bull's-eye were introduced into an ordinary steam-boiler, the steam within will be found to be in a perfectly transparent state, and invisible. On turning a jet, the escaping steam is found to be vaporous, white, and cloud-like. This effect is consequent upon the cooling action of atmospheric air, which mixes with, and apparently condenses it. The conclusion which Mr. Storms has arrived at, is that the volume is increased by this combination to a very considerable extent, under favourable circumstances, even to as much as 75 per cent., by which a corresponding increase is obtained in the efficiency of the engine. If common air be compressed, and introduced, at an ordinary temperature, into a vossel containing steam at the same pressure, the following effects may be anticipated:—On the one hand, a portion of the steam will be condensed, and changed into water, which will diminish the pressure; but, on the other hand, the air will be heated and expanded, and these two effects may have been hitherto supposed very nearly, if not exactly, to balance the other. been hitherto supposed very nearly, if not exactly, to balance the other. But the experiments alluded to indicate a decided increase of volume, provided there is a sufficient difference in temperature. If pure transparent steam be mingled with air, previously heated to the same degree, none of this expansion is experienced: hence the question arises, how to compress the air in a pump, and carry it in a cold state into a heated cylinder. Mr. Storms avoids the solution of this difficult problem by allowing the air to mix they carry the the steam of the temperature. mix thoroughly with the steam, at any temperature it may chance to have, cooling it afterwards by expansion—in other words, he mixes had or warm air with the steam in the steam-chest, and does not expect the mixture to assume the form of the cloud until it commences to ex mixture to assume the form of the cloud until it commences to expand in the cylinder. The act of expanding cools both steam and air, but in very different proportions. Pure steam of a high pressure (say 60 lbs.) has a temperature of about 310° Fahr.; and if cut off at half-stroke, so as to double its volume by expansion, cools down to about 270°; while air at the same temperature, if expanded to the same extent, cools down to about the freezing point. Thus, the combined fluids may readily be compelled by expansion to assume the form of a cloud, or vesicular vapour, if the presence of air at a different temperature be the only condition necessary. To accomplish this object, and attached to an ordinary horizontal engine. accomplish this object, and attached to an ordinary horizontal engine Mr. Storms has, in the instance referred to, placed a double-acting air pump near the cylinder, and allows it to discharge into the steam-chest just above the valve. As the first portion of the stroke of the pump is just above the valve. As the first portion of the stroke of the pump is spent in simply compressing its contents, it is so timed that it will begin to deliver with the commoncoment of the stroke of the piston. The pump is enveloped in a jacket of cold water, to keep it cool, and the air, probably, enters the steam-chest at a temperature of from 180° to 250°. A further series of experiments hereon, on a large scale, have lately been tried at the Novelty Works, New York. The engine was first run with steam alone, and then with the cloud combination, the resistance being constant in all cases. The revolutions produced per pound of coal were as follows:—Steam, 107; the cloud combination, 190: showing a great advantage in favour of cloud vapour.

me years ago the scientific world of London was astonished by the Some years ago the scientific world of London was astonished by the exhibition of a steam-engine on an improved principle, in which, by the substitution of certain preparations instead of water, the working cost was reduced nearly 50 per cent. Whether anything has been done in this country by the public or the Government we have not heard, but we have received authentic information from Marscilles, that the Societe de Navigation Mixte have just paid 40 per cent. as the present dividend on their original stock, the market price of these shares (nominally of 500 fr. cach, but upon which only 133 fr. have been paid) is 650 fr. The subscription list for an issue of increased capital closed on the 10th inst., and the deposit of 50 fr. per share was paid; they are now quoted at 100 fr. premium. All the vessels of this company are engaged in the transport service of the French Government. It would thus appear that English steam navigation companies are now to be added to railways, and may gain a lesson from the French.

At the present period of activity in the Iron Trade, a notice which ap pears in another column, respecting the extensive ironworks in the south of Scotland, called the "New Cumnock," formerly the Nithsdale Ironworks, which are to be sold by auction, at Glasgow, on Oct. 3, will be peworks, which are to be sold by auction, at Gragow, on oct. 3, which persuad by those already engaged, or wishing to engage, with much interest. These works are situated in Ayrshire, the minerals of which, though only recently known to contain the blackband ironstone, are now being largely developed, and that county rather than Lanarkshire (which many consider pretty much exhausted) is now regarded as the source from which the increased demand for Scotch pig-iron is to be supplied. These works, which are creeted on the most approved plan, may be purchased, we understand, at such a price as will enable parties to engage on an extensive scale in the iron trade, at a comparatively small outlay of capital; and unless the mineral resources of the immediate district, and the capabilities of the works in other respects he greatly over estimated we can served. of the works in other respects, be greatly over-estimated, we can scarcely doubt that a purchaser, with sufficient skill and moderate capital, would find the investment a most profitable one. The mineral fields, leased to the works at moderate royalties, are extensive, and with those not in the the works at moderate royatties, are extensive, and with those not in the immediate neighbourhood there is railway communication, and likewise with the Glasgow and South-Western Railway. The distance from the nearest scaport, with which there is also direct railway communication, is about 30 miles on the west, and on the south 40 miles. It is understood that, when in operation, the works supplied a great deal of iron to the foundries on the Tyne, with which there is direct railway communication.

MINERAL WEALTH OF JAMAICA.—Increasing interest appears to be attached to mining in Jamaica. The Colomial Standard, in a leading article, refers to the importance, in a material, if it may not be called a national, sense, of the success of mining enterprise in the island as the reason of their making periodical allusion to a source of undeveloped wealth, the importance of which few who have merely currerly considered the subject can rightly appreciate. We, too, have had frequent occasion to refer to the various undertakings which have been formed for working setts, and the prospects they present of becoming lucrative investments, while we have just been informed that discoveries of a rather extraordinary character have been made, under singular circumstances, by gantlemen of undoubted integrity, and which will produce considerable interest here, from the richness of the ores, and the extent of the copper country developed. Assays have been made by Messrs. Johnson and Matthey, and Mr. John Mitchell, the particulars of which, with other information. Matthey, and Mr. John Mitchell, the particulars of which. will appear in our next Journal

will appear in our next Journal.

Society of Coach Proprietors.—The coach masters have shown themselves a not ungrateful body,—the handsome manner in which they have acknowledged the exertions of Mr. J. E. Bradfield proving it. Among other advantages derived by the coaching interest, it was mainly owing to Mr. Bradfield's indefatigable, perseverance that the mileage duty on stage carriages was reduced from 1½d. to id. the House of Commons having adopted an amendment on the Budget to that effect. The services so faithfully and successfully rendered were rewarded on Thursday, when upwards of 100 of the most respectable and extensive coach proprietors of the kingdom assembled at the Crown and Seeptre, Greenwich, and presented to Mr. Bradfield's excritons to have been, we think the present will be deemed a very satisfactory return.

Rumour, about a fortnight back, announced the failure of one of our Rumour, about a fortnight back, announced the failure of one of our largest firms in the east of London, but arrangements were promptly entered into, in order, if possible, to avoid such an unfavourable occurrence at the present critical period, and which it was expected would have proved soccessful. The increasing pressure, however, upon the Money Market during the last few weeks has rendered this attempt practically abortive. At the Bankruptey Court, yesterday, a petition, under the arrangement clauses, was filed in the case of Messrs. C. J. Marc and Co., the iron ship-buildiers of Blackwall. If this measure be supported by the required majority of the creditors, here will be no need for a flat in bankruptey, and the business of the house proceed without interruption. A general meeting of creditors will be held for this purpose, and there appears every prospect of a general coasent being obtained. The difficulties of the firm are large, and have been of some duration. For nearly a year reast rumour has been how which their names, as having undertaken unprofitable contracts, which were likely, if not certain, sooner or later to involve them in difficulties.

The Great Western of Canada Railway receipts for the aix months ending

The Great Western of Canada Railway receipts for the six months ending July 31 amounts of 249,6937, currency, leaving 122,620%, after deducting working expenses. Out of this 52,420% has been paid for interest, 11,250% for sinking fund on Government lean, and 37,189% for a dividend at the rate of 8 per cent. per annum. A surplus of 2175%, remains to be carried to the next half-year.

advance which it would be policy to propose. A rise of 20s. is certain, but 40s. is enveloped in considerable doubt. Materials and labour are high, and an advance is imperatively called for, and has been obtained in many houses for some time past. Plates, sheets, and rails are in great request, but the enquiry for bars is not so good. The reduction of the

many houses for some time past. Plates, sheets, and rails are in great request, but the enquiry for bars is not so good. The reduction of the import duties on iron and steel by the Government of France has given unbounded satisfaction, and it is an important step in the right direction. The Coal Trade is improving, and as stocks are low, and winter is approaching, we may expect a more active trade than for some time past.

The Steel Trade is said to be improving, though but slowly. The last advices from America are favourable, and the accounts of the harvest were reported to be more favourable than was anticipated.

The interminable titles possessed by the mine adventurers in Derbyshire offers such security for the outlay of money over those whose title is merely on lease, and very often such leasehold sets having very heavy royalties, renders the Derbyshire field very desirable to the mining capitalist. The Eyam Mining Company some years ago formed themselves into an extensive mining company, and perceiving in the mineral laws of Derbyshire, including permanent possession of sett, and the certainty of maiden ground after a very limited depth of old workings, circumstances which justified them in giving the High Peak the benefit of their miner-like operations, have at length succeeded in putting the Eyam Mines on a very improved and economical footing; and by a long course of very handsome dividends, have at least done their share towards redoeming the High Peak from the imputation cast upon its remunerative capabilities by High Peak from the imputation cast upon its remunerative capabilities by those whose operations, had they been conducted on the same principle, might have had the same beneficial termination.

In naming the Eyam Company, we have only an eye to precedence, as being the first in the field of those who have of late years done so much to prove and restore the mines of the Peak, and we must by no means for got to give our meed of praise to those various mining companies from Eyam to Hassip, including the Backdale, the Brightside, the Froggatt Grove, the Peak United, the Sallad Holes, the Norcliff, and also the Wren Park and Calver Sough, all of which are now paying great dividends, excepting two, the Norchiff having but a small outlay to make before reaching the vein out of which the Peak is paying its shareholders 25 per cent. and the Wren Park has reached the lode, but is suspended at the pressure that the pressure of pure and having out the whole is and the Wren Park has reached the lode, but is suspended at the present moment, waiting for 25 fathoms of pumps, and having cut the vein it is in want of a second lift. The bar-master's books, being a record of dues paid by Calver Sough, to which the Wren Park is united, give an almost incredulous amount of ore as raised up to the time of its being suspended, nearly 100 years ago, in consequence of tapping additionalwater. We believe Mr. Burgoyne, who, along with a few friends, originated the movement that has resulted in the working up of these various mines into a highly remunerative state, is the principal shareholder in the Calver Sough, and has continued to be so from the commencement, his opinion, after investigating every means of information, being such as to induce him to retain his large interest untact, and to advise his fellow-shareholders to do the tigating every means of information, being such as to induce him to retain his large interest intact, and to advise his fellow-shareholders to do the same. The interest which these various successful adventures has excited is such that we never knew Derbyshire mining more popular with the public than at the present time; and many capitalists in Yorkshire, Lancashire, and other counties, are anxious to obtain possession of suitable setts in the locality in which these mines are situate, but which are now somewhat difficult to obtain. Hundreds of hands are being employed by the various companies, and large sums of money are paid in the form of wages, causing great activity, and we hope benefit, to all interested in them.

### THE IRON AND METAL TRADES OF SOUTH STAFFORDSHIRE

SETT. 20 .- Owing to the fact of being on the eve of the preliminary neeting, at which the prices for the Michaelmas quarter will be finally settled, and the sudden and unexpected fluctuations in the corn market ast week, in the face of an admitted average crop, there has been very little disposition to order goods of any description during the last few days

In the Iron Trade, however, the leading houses can dispense with orders, having already on the books sufficient for the present time, and more than they can conveniently execute. The trade may, therefore, be reported this week in abeyance with reference to prices, which will be speedily terminated by the meeting of next week. The demand for ironstone continues to increase, and the price is, of course, firm, from which we may infer a continuance of that activity which set in at the headerst the continuance of that activity which set in at the headerst terms. terminated by the meeting of next week. In demand of Poissone continues to increase, and the price is, of course, firm, from which we may infer a continuance of that activity which set in at the beginning of this month. There are fresh furnaces being blown in the neighbourhood of Dudley and Wednesbury, and everything indicates a brisk winter's trade. Nor is there any unpleasantness with the men to be apprehended. They are all at work, and likely to continue so, subject to such terms as the vectors were represented by

ers may propose at quarter day. the Coal Trade, there is no change to notice. The men have re In the Coal Trade, there is no change to notice. The men have resumed work, and prices are now steady. Some of the parochial and other contracts have been taken this week at 11s. 6d. and 12s. per ton for best coal, and 6s. for slack. The supply from the new mines at Cannock Chase is very considerable, and the quality superior. It finds a wady market at a distance, and a large quantity is forwarded to the metropolis. From the mines belonging to Lord Ward an increased supply is being obtained, the whole of his lordship's immense mining estates being now energetically worked by his agent, Mr. Smith. Some of the mines suspended some time ago, in connection with the recent failures, have also been set on to work again, and the supply of the district is now very considerable, but still apparently insufficient for the home and foreign markets. The men have accepted the proposed terms, and are satisfied, pro tem.

In the Copper Market, there is no change to report, but fears are entertained that the advance of iron will be followed by a rise in copper and other metals.

In the Manufacturing Department, there has been activity observable In the Manufacturing Department, there has been activity observable this week in some branches, particularly in the jewellery trade. Owing, no doubt, to the abundant harvest in Ireland, and the consequent improvement in that country, Irish buyers have been here within the last few days, and purchased with unsual spirit. From Messrs. Roland and Goode, and Messrs. Aston and Son, jewellers, some very large parcels have been sent away to Ireland; and the accounts from that country are encouraging in the highest degree. I am also informed that there is now in the hands of Mr. Betts, and other refiners, large quantities of gold from Australia, and the yield is said to be better than usual. Indeed, the general impression amongst the dealers in the precious metal here is that every arrival from Australia seems to indicate an improvement in the quality of the nuggets. At the works of Messrs. Fox, Henderson, and Co., Smethwick, there are some large orders on hand for the Government, including wick, there are some large orders on hand for the Government, incli necessaries for the army in the East. The boiler trade is also exceedingly brisk, and the hands at the works in Wednesbury and West Bromwich are at full work. For cables there is also an immense demand, and some are at full work. For cables there is also an immense demand, and some large orders for this article are reported to be in the market for France. Indeed, there is very considerable speculation amongst many leading manufacturers in the heavy iron-works, relative to the effect of the recent alterations in the French tariff, the general impression being that the urgent demands of the war will in France necessitate the removal of restrictions upon many important articles made in this dristrict.

The Glass Trade is dull, with the exception of the stained branch, which is carried on with unusual activity at Messra. Chance and Co.'s, West Bromwich, and Messrs. Hardman and Co.'s, Great Charles-street, in this town. At the former establishment there are some superior foreigners engaged; at the latter, native talent, working from the designs of Pugin, are employed; and at both houses neither time nor expense are spared in admirable specimens at both houses.

Mr. John Britten, of Birmingham, has, during the past to the latter of the restriction of the state of the s

admirable specimens at both houses.

Mr. John Britten, of Birmingham, has, during the past week, specified his patent (through Mr. George Shaw) for a new or improved machine for sweeping or cleaning chimneys. This invention consists of sweeping machinery, constructed in the following manner:—At the top of an elastic stem or rod a circular brush is placed, for the purpose of sweeping the chimney-pots; below this circular brush four angular brushes are situated. These angular brushes are fixed on, and supported by, clastic rods, made of steel-wire, or other suitable material, which tend to force the brushes outwards—that is, from the stem or rod of the machine. One pair of

"Hirudine Propeller," and amongst them the rapidity of passage, resulting from a velocity at least double that of any existing vessels, will economise space, by transferring to cargo much of the large proportion commonly sacrificed to fuel. Another important gain is secured in the greatly diminished friction and wear of machinery, arising from the comparatively leisurely action of the engine. We shall recur again to this interesting subject next week:—the inventor, we may add, is Mr. J. H. Pidcock, C.E. angular brushes force the brushes against the sides of the chimney or flue. When the machine, in passing up a chimney or flue, comes in con-tact with a fixed obstacle, the cords or chains connecting together the an-gular brushes are deflected from their horizontal position, and draw up gular brushes are deflected from their horizontal position, and draw up or collapse the brushes, and they are thereby made to pass the fixed obstacle; when the obstacle has been passed, the brushes are brought back to their former position by the before-mentioned elastic rods by which the brushes are supported. The inventor describes a method by which, on turning round the main stem of the machine, the angular brushes are collapsed, or drawn together, on meeting with a fixed obstacle or obstruction in the chimney or flue. In place of angular brushes, the inventor sometimes uses angular scrapers made of thin sheet-metal, or wire. These angular scrapers are supported upon elastic rods, as before described, with respect to the angular brushes. The scrapers are attached together, and to the stem of the machine, by springs made of vulcanised occutchoue, or other suitable material. When the scrapers, in passing up a chimney or flue, come in contact with a fixed obstacle, they are deflected from their horistem of the machine, by springs made of vulcanised cooutchoue, or other suitable material. When the scrapers, in passing up a chimney or flue, come in contact with a fixed obstacle, they are deflected from their horizontal position; and when they have passed the obstacle, they are brought back to their former position by the caoutchoue springs. The inventor sometimes introduces the scraping-machine up a chimney or flue for the purpose of loosening the soot from the same, prior to the introduction of the sweeping-machine. In some machines, whether to be used for sweeping or scraping, the inventor places a large guide-roller, and a ball and socket, or other universal joint, about 4 ft. below the body of the machine.

### STOCK, MINING, AND RAILWAY SHARES IN IRELAND.

SEPT. 20.—The market during the week had a drooping tendency for oth stocks and shares, -in fact, on no security has there been a rise, if we except Waterford and Limerick shares, which were done at 5s. ad-Banks, mines, and railways have all fallen, and business has been of a very limited character. Consols were to-day a shade lower than this day week; while New 3 per Cents. were rather higher. I may here mention one circumstance applicable to the remarks I make below, and it tion one circumstance applicable to the remarks I make below, and it shows that no speculation can be carried on here, from the very limited mode of doing business. Yesterday morning's prices from London came 10s. lower than the previous ones, but recovered the 10s. at 2 o'clock; the consequence was, our prices here were exactly the same as on the previous day. National Bank shares were done 15s. lower to-day, and closed sellers at this price,—this was the only transaction for shares; the following, however, are the latest quotations:—Consols, 89½; New 3 per Cents, 90½; Hibernian Bank, 33½; National Bank, 31; Reyal Bank, 19½, ex div. and bonus; City of Dublin Steam, 63½; Grand Canal Company, 41, ox div.; Mining Company of Ireland, 13½; Belfast Junction, 40; Dublin and Wicklow, 6; Great Southern and Western, 50½; Irish Southersatern, 5½; Killarney Junction, 6½; Midhand Great Western, 49; Waterford and Limerick, 19½. A dividend of 6s. per share, and a bonus of 8s., has been declared on Royal Bank shares; this is equal to 10 per cent. per annum.

Eastern, 32; Killarney Junction, 62; Midland Great Western, 49; Waterford and Limerick, 19\(\frac{1}{2}\). A dividend of 6s. per share, and a bonus of sa., has been declared on Royal Bank shares; this is equal to 10 per cent. per annum.

I feel that I have a right to suggest any ideas tending to benefit any portion of the public, and to advocate reform where I think it is needed. Acting under this impression, I wish to draw attention to the working of the Stock Exchange here, and to the system at prosent in practice, and I trust that my remarks may be received in the same spirit in which they are penned—namely, that of suggestion rather than dictation. What I am now going to urge is no theory of mine, as it has been more than occobrought under the notice of the members of the Exchange, but for some reason has not been adopted. I wish, therefore, to bring the matter again under their consideration, and I feel assured it will receive that attention at their hands which it really demands.

The brokers here meet only once a-day, from half-past 2 till about half-past 3 o'clock, the consequence of which is, that although the half-past 11, half-past 12, and 2 o'clock prices of funds in London are received here by telegraph, the latter are the only ones acted on, and are those which regulate prices here; consequently the early prices are altogether useless, and merely indicate the fluctuations of the market. One meanwhich regulate prices here; consequently the early prices are altogether useless, and merely indicate the fluctuations of the market. One meanwhich regulate prices here; consequently the early prices are altogether useless, and merely indicate the fluctuations of the market. One meanwhich regulate prices here; a transaction of the market. One meanwhich regulate prices here; a transaction of the prices are altogether useless, and merely indicate the fluctuations of the market. One meanwhich has been such as a serious from the country this in this instance the buyer would lose, that the seller would gain, and

The Bank of England having raised their rate of discount, the Bank of Ireland have followed the example, and have fixed their minimum rate at 5 per cent., although the decrease in their bullion has not been in anything like proportion to that of their circulation. The returns published in the Dublin Gazette show that the decrease in the Bank of Ireland circulation has been 105,7751. on the month, and a decrease in bullion of 12,9291., while the circulation of the private banks has increased 36,4151 though there has been a falling off of 12,1941. in the bullion.

An interesting property is announced for sale in the Incumbered Estate An interesting property is announced for sale in the Incumbered Magnetic Court—that of Sir Thomas Staples, at Stewartstown, near Lough Neagh Court—that of Sir Thomas Staples, at Stewartstown, near Lough Neagh Court—that of Sir Thomas Staples, at Stewartstown, near Lough Neagh Court—that of Sir Thomas Staples, at Stewartstown, near Lough Neagh Court—that of Sir Thomas Staples, at Stewartstown, near Lough Neagh Court—that of Sir Thomas Coulomberg States and Staples, at Stewartstown, near Lough Neagh Court—that of Sir Thomas Coulomberg States and Staples, at Stewartstown, near Lough Neagh Court—that of Sir Thomas Coulomberg States and Staples, at Stewartstown, near Lough Neagh Court—that of Sir Thomas Coulomberg States and Staples and Stap

rock will be found in the immediate vicinity. Drumreagh, near Coal Island, is situated in the coal field of that district, and where coal of excellent quality has been recently raised, but the pits have never been skifully worked. The coal is bituminous, and the beds of considerable thickness, resting on a stratum of fire-clay, averaging from 4 to 5 feet it depth, similar in every respect to the celebrated Stourbridge clay of Staffordshire. The royalties extending over a large area of this coal field belong to Sir Thomas Staples and Mr. E. H. Caulfield, preparatory arrangements for the sale of which are in progress. There are extensive quarmof white limestone on the estate, which are exceedingly valuable, in conference of the great variety of soils adjoining requiring this description of manure. The extension of the railway from Randalstown to Cook town, which is distant only four miles from Stewardstown, will material benefit the neighbourhood. benefit the neighbourhood.

The glorious news of the fall of Sebastopol was received throughout the length and breadth of Cornwall with an unanimous feeling of joy and equitation. Demonstrations were made in every town, village, and ham and nowhere was the expression of loyalty and gratulation more manifethan in the Cornish mines. At the Great Wheal Vor United, the working miners, headed by their spirited managers, Messrs. H. and E. Creat and nowhere was the expression of loyalty and gratulation must than in the Cornish mines. At the Great Wheal Vor United, the weing miners, headed by their spirited managers, Messrs. H. and E. Creing the crest of Tregoning Hill with tar barrels and fire-works, white the treest of the control of the queen neighbourhood of these extensive mines. The health of the queen prince Albert, the Duke of Cornwall, the Royal Family, and our brown of the control of

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MINING IN IRELAND, AND ITS PROSPECTS. TO THE EDITOR OF THE MINING JOURNAL.

Categories has received a greater chock from the present embarrassing, though patriotic, war, than mining, nor has any part of the United Kingdom felt the effects of that check so saveredy as the south and west of mand, for multitudes of the labouring class have been left without work, and, consequently, numerous families without the means of support, except what a chance day's work may send them, or the requirements of the harvest pat in their way. And this misfortune is the more to be lamented, because there is ample reason to believe that had not mining pursuits been suspended in those districts, soveral of the mines opened there would have before this proved to be all that reasonable expectation warranted, or esi-entile knowledge, combined with good practical skill, predicted. And if we arguefrom simple facts, we may venture to assert there can be little doubt of the tuth of the conductions arrived at; for it will be found on equiry, that the case of the conduction SIR,-It seems an admitted fact that no portion of British commercial enterprise has received a greater check from the present embarrassing, though patriotic, war, than mining, nor has any part of the United King-

### MINING NOTABILIA.

MINING NOTABILIA.

[EXTRACTS FROM OUR CORRESPONDENCE.]

WHEAL BUSY.—Capt. Wm. Martin, in reporting upon this property, slates "that the adit level is about 40 fathoms below the surface, and it is extended many hundred fathoms on the different lodes and transverse levels; and many lodes it has intersected, some of which are very inviting, having a very high mineral character, with rich veius of both tin and copper, one of them (about 150 fms. south of Wheal Busy engine). Some hundreds of tons of copper ore have been obtained from the adit level and there, worth from 15 to 25 per cent. for copper. It has never been intersected below that adit, or any machinery erected for draining the water below that delt, or any machinery erected for draining the water below that level. This lode of itself is a valuable mine. To give a report, and particularise all the valuable objects and deposits of ore now shrouded under water in these mines would be a higher property to be found in the United Kingdom."

SOUTH ZION.—In our last Journal, we gave a special notice of the starting of this mine, and we have now to add a further report from Capt. Hodge, received yesterday;—"Mr. Jonathan Davey and myself have re-dialled this sett, and the lodes from the South Tamar and Butts Pill Mines; and I am glad to confirm south of the Tamar, with the view of ascertaining the exact position of the north and south lodes from the South Tamar and Butts Pill Mines; and I am glad to confirm an teo course of this lode, hearing 25 degrees east of north and west of south. In the level, not more than 15 fms. from our boundary, we found a breach of silver-lead ore from which we broke some rich lead, embedded in a beautiful stratum of can-spar, to our boundary, in the same level, a winse bas been sunk, in my opinion, on the react by the web role some rich lead, embedded in a beautiful stratum of can-spar, a box of which I have forwarded for your inspection. About 9 fathoms nearer still our boundary, in the same level, a winse bas been sunk, in my opinion

which can be shared as the continuous and the course of the local property of the received as the course of the received as the received

be brought into profitable operation, whilst the indications of a rich lead mine, both from the geological character of the formations, and the mineralogical features presented by the lodes, are of a character generally prevalent in this district. The promoters appear to be unusually explicit in the terms proposed; having expended upwards of 5004, in securing the property, in laying open the lodes by driving adits, and in materials for working the mines, they expect that returned, and intend, with their friends, taking 2500 shares in the undertaking.

sented by the locies, are of a character generally prevalent in this district. The promoters appear to be unusually explicit in the terms proposed; having expended upwards of 5001, in securing the property, in laying open the locke by driving adits, and in materials for working the mines, they expect that returned, and intend, with their friends, taking 2500 shares in the undertaking.

GREAT WEST SORTHIDGE COPPER MINING COMPANY.—To work this mine, it is proposed to form a company in 6500 21, shares: it is situate in the purish of Whitchurch, Davon, a little to the north-cast of Sortridge Consols, and north of North Wheal Robert, being bounded on the east by Great Sortridge Consols, and north of North Wheal Robert, being bounded on the east by Great Sortridge Consols, and north of North Wheal Robert, being bounded on the east by Great Sortridge Consols, and north of North Wheal Robert, being bounded on the east by Great Sortridge Consols, and north of North Wheal Robert, being bounded on the control of the side of the control of the side of the side of the side of the side of the productive mines of this district. It is composed of gossan (similar to Sortridge Consols), very fine capel, mundie, prian, and black and yellow copper ore. The indications presented at this early stage of working, 9 feet below the surface, both in the look and in the country, are of a very promising description. There is a cross-course about the middle part of the sery promising description. There is a cross-course about the middle part of the sery promising description. There is a cross-course about the middle part of the sery of working, 9 feet below the surface, both in the look and in the country, are of a very promising description. There is a cross-course about the middle part of the visit of the surface of t

#### WEEKLY LIST OF NEW PATENTS.

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APPLICATIONS FOR PATENTS, AND PROTECTION ALLOWED.

G. Napier: Furances.—J. Barber: Steam-engines.—J. Cornes: Consuming Smoke.
—J. G. Martien: Oxydes of iron.—T. Bartlett: Machinery for driling or boring into stone.—T. A. Radiguet: Dynamical apparatus for motive-power.—F. Rualem: Fuel for household and general purposes.—S. Ludbrook: Railways-wheels.—W. Johnson: Rolling or shaping metals. (A communication.)—J. Happinson, jun.: Furances.—J. Booth: Machinery for drilling and boring.—C. F. Stansbury: Plane-iron. (A communication.)—J. H. E. Flynn: Communication.)—J. His, overs, or furnaces.—J. Booth: Machinery for drilling and boring.—C. F. Stansbury: Plane-iron. (A communication.)—J. H. E. Flyn: Communication.)—J. H. E. Flyn: Communication.—W. Woodcook, T. Blackburn, and J. Smalley: Pistons.—W. H. James: Steam-engines.

S. Smith, Hyson-green Works, near Nottingham—Improvements in apparatus for insuring the correct action of the affety-valves of steam-boilers, and for regulating the action of the dampers of steam-boilers.

J. Englis and A. Cowie, Glasgow—Improvements in moulding or shaping metals.
J. W. Sloughgrove and J. H. Wheatley, Windsor-street, Islington—Improvements in smoke-consuming furnaces.
F. J. Anger, Stamford-street, Blackfriars-road—New metallic alloy.
S. Davey, Tucking-mill, Illogan, Cornwall—Improvements in the manufacture of salety fuzes for mining and military purposes.

IRON BLOCK RAILWAY CHAIR.—Mr. Stephen Reed, the coroner for South

in smoke-consuming turnaces.

F. J. Anger, Stamford-street, Blackfriars-road—New metallic alloy.

S. Davey, Tucking-mill, Illogan, Cornwall—Improvements in the manufacture of safety fuzes for mining and military purposes.

IRON BLOCK RAILWAY CHAIR.—Mr. Stephen Reed, the coroner for South Northumberland, whether from the frequency of accidents, or from other causes, has directed his attention to the construction of raliway chairs and sleepers, and which was first noticed in the Mining Journal so long since as May, 1848. The advantage of the block chair is just in respect of the durability of the material. How long perishable timber is to continue in use, whether protected by the process of Kyan or by creosote, or otherwise, is a question to be determined by directors rather than our selves, although it appears singular, when from can be substituted with advantage for wood, that the prejudice should be perpetuated in favour of that material, the cost of which in removal and maintenance will progressively, as it were, consume itself through its own costliness. In lieu of only a 4-in. bearing of the ordinary rail upon the siceper, by Mr. Reed's plan the bearing is increased to 21 in, with permanent stability, so insured at the joints, that three chairs are enabled to be fixed instead of four, now required, according to the old method. Mr. Reed's block chair is of eastign. The base spreads so as to occupy a resisting surface of 462 in, superficial, being 22 in. long by 21 in, in breadth, % in, in thickness, and turned up with a margin % in, high. The bose which carriers the chair is hollow; the sides and brackets are % in, thick; the 21-in, bearing is \( \frac{1}{2} \) in, thick; the 21-in, bearing is \( \frac{1}{2} \) in, thick; the 21-in, bearing is \( \frac{1}{2} \) in, thick is the present high price of iron, may be greater than wood, on the ground of what high the cost of the iron that was a substituted in wet weather, or during frost or thaw. By a judicious arrangement of the permanent way, and the formation o

rented the more general use of carthenware in the generation of gas.

RAILWAY TRAFFIC.—The traffic returns of railways in the United Kingdom, for the week ending Sept. 15, amounted to 435,1544, and for the corresponding week of 1854 to 393,456f, showing an increase of 41,098f. The gross receipts of the eight railways having their termini in the metropolis amounted for the week ending as above to 195,2111, and for the corresponding week of last year to 172,992f., showing an increase of 22,249f.

The increase on the Eastern Counties Railway amounted to 1056l.; on the Great Northern to 2004l.; on the Great Western to 4578.; on the London and North-Western to 2050l.; on the London, Brighton, and South Coast to 1723f.; on the London and South-Western to 2575l.; and on the South-Eastern to 5051l.; total, 22,353f. But from this must be deducted 104f., the decrease on the London and Blackwall, leaving the increase, as above, 22,249f.

The receipts on the other lines in the United Kingdom amounted to 239,943l., and for the corresponding period of 1854 to 220,494l., showing an increase of 19,449l. in the receipts of those lines, which, added to the increase on the metropolital lines, makes the total increase 41,698l., as compared with the corresponding week of 1854.

LIE DURABILITY OF IRON SHIPS.—The iron ship Richard Cobden, which was built 12 years ago, at Liverpool, will repay a visit from any one who is interested in iron ships. She has been 12 years in the East India trade, and has not had the slightest repairs done to her, has never made a drop of water, and will, to all appearance, last for an unlimited length of time. This yeasel has completely set aside the old notion of A 1, for 12 years.—Liverpool Mail.

CASHIER AND ACCOUNTANT.—WANTED, by the WILD-BERG GREAT CONSOLIDATED MINING COMPANY, a GENTLEMAN, theroughly conversant with the English and German languages, to fill the above offices at their mines in Germany. Applications to state age, previous occupation, and salary expected, and to be accompanied by testimonials as to character and shilty. Substantial security will be required. Lodgings at the mines will be furnished free of charge.

By order of the Council of Administration, F. C. W. BRANDT, Sec. London Agency Office, I, Charlotte-row, Mansion House.

DOOKKEEPER.—WANTED, a BOOKKEEPER, thoroughly conversant with the routine business of a counting-house. Preference would be given to a person who has been in the office of some extensive ironworks. Application to be made to Mr. Hearox, Staveley-works, near Chesterfield.—Sept. 19, 1855

WANTED IMMEDIATELY, to proceed to BARCELONA, a COMPETENT MAN, to MANAGE a NASMYTH'S STEAM FORGE HAMMER; IBBERT WASH 150 MANAGE A NASMYTH'S STEAM FORGE HAMMER; IBBERT WASHS WILL BE WASH 150 MANAGE A NASMYTH'S STEAM FORGE HAMMER; IBBERT WASHS WILL BE WASH 150 MANAGE A NASMYTH'S STEAM FORGE HAMMER; IBBERT WASH 150 MANAGE A NASMYTH'S STEAM FORGE HAMMER; IBBERT WASH 150 MANAGE A NASMYTH'S STEAM FORGE HAMMER; IBBERT WASH 150 MANAGE A NASMY HAMMER WASH 150 MANAGE A NASMY HAMMER WASH 150 MANAGE A CRUSHING MILL, with steam-engine for working same; also, a 10-in. PUMP. If in Ireland preferred.—Address, with full particulars, to "A. B.," care of Mesers. Algar and Street, 11, Clement's-lane, Lombard-street.

WANTED, a GUIDE MILL, to ROLL SMALL SIZES of IRON.—Address, stating condition (if second-hand) and full particulars, John BROGDEN and Sons, Tondu Ironworks, Bridgend, Glamorgan.

#### FOREIGN MINES.

INCORPORATED BY ROYAL CHARTER (WITH LIMITED LIABILITY). TE COLONIAL FIBRE COMPANY
Capital £100,000, in 5000 shares of £20 each, with power to increase the
amount. Deposit, £5 per share.
OFFICES,—58, FENCHURCH STREET.

The object of this company is to prepare, upon an extensive scale, by patented process, the several valuable fibres which exist in our Colonial possessions, for various textile purposes, ropes, twine, and paper.

The Court of Directors, and general measures of the company, are in progress of arrangement, and will be duly announced.

DREWSTEIGNTON MINING AND LIMESTONE COMPANY,

PARISH OF DREWSTEIGNTON, IN THE COUNTY OF DEVOC.

Established and conducted on the "Court-nook Principle."

In 30,000 shares, of 10s. each.—No further calls to be made, or liabilities incurred. A Copy of the Report of the Committee, presented on the 13th inst., may be had at the offices of the company.

Applications for the remaining shares to be addressed to Mr. James Phillips, managing director, 31, Bush-lane, Cannon-street.

MOIRA COLLIERY, NEAR ASHBY-DE-LA-ZOUCH.
WANTED at this colliery an AGENT, to take daily charge of the undergrou
department.—Application may be made to Mr. J. T. Woodhouse, Overseal, in
Ashby-de-La-Zouch. The most unexceptionable testimonials as to character and qu
ification will be required.

TASSAN LEAD MINE.—ALL PERSONS having CLAIMS
AGAINST the TASSAN MINE COMPANY will please FORWARD the same
for H. Thomas Haton, Savings' Bank, Bradford, Yorkshire, in order that they may
be examined and (if found correct) discharged.

TSGAIR MWYN MINING COMPANY.—Notice is hereby given, that the FIFTH ORDINARY GENERAL MEETING of the shareholders will be HELD at the offices of the company, No. 113, Fenchurch-street, London, on Thursday, the 27th day of September, at One o'clock, for the purpose of receiving and adopting, or otherwise, the report of the directors, accounts, and the transaction of the general business of the company.

And notice is hereby further given, that a SPECIAL GENERAL MEETING will be HELD after the Ordinary Meeting, for the purpose of rescinding, or otherwise, the resolution passed at the Special General Meeting of 5th December last:—viz.

"That no further issue of shares, beyond the aforesaid 1795 re-issued shares, be hereafter made on any terms, unless the consent and authority of a general meeting of shareholders be first had and obtained."

By order of the Eoard,

113, Fenchurch-street, London, Sept. 16, 1855.

FREDE. ROBINSON, Sec.

NNEY CONSOLS COPPER AND SILVER-LEAD MINING

NNEY CONSOLS COPPER AND SILVER-LEAD MINING COMPANY (SOUTH PETHERWIN, CORNWALL).—Notice is hereby given, that the FOURTH HALF-YEARLY GENERAL MEETING of the shareholders in this company will be HELD at No. 26, Moorgate-street, in the City of London, on Thursday, the 4th day of October next, at One o'clock in the afternoon, on the general basiness of the company.

And notice is hereby further given, that at such general meeting aforesultation will be proposed, declaring any share or shares forfeited, under Art. XI. of the Rules and Regulations of the company, upon which 10s. per share shall not have been paid; and for the purpose of giving full effect and validity to such proposal and resolution, as aforesaid, all calls now in arrear and unpaid are hereby formally demanded.

THOMAS LEE, Purser. Intel this 22d day of Sentember. 1355, 26, Moorgate-street, London. Dated this 22d day of September, 1855, 26, Moorgate-street, London.

TINCROFT MINING COMPANY.—Notice is hereby given, that at a SPECIAL GENERAL MEETING of the shareholders of this company, held a SPECIAL GENERAL MEETAN 71.—Notice is hereby given, and a a septent of this company, held this day, the following resolution was unanimously passed:—

That the serips numbered 17, 18, 19, 20, 41, 42, 43, 44, 46, 47, 48, 49, 69, 56, 61, 75, 76, 79, 91, 96, 97, 98, 115, 121, 343, 354, 359, 399, 391, 392, 393, 395, 403, 404, 409, 416, 417, 418, 420, 423, 336, 439, 414, 434, 444, 445, 446, 447, 458, 559, 462, 463, 464, 465, 465, 467, 469, 470, 471, 487, 488, 501, 505, 513, 538, 552, 553, 555, 588, 572, 573, 575, 577, 583, 588, 589, 592, 597, 508, 599, 600, 625, 634, 665, 667, 669, 670, 671, 672, 677, 881, 690, 709, 710, 711, 712, 720, 721, 733, 734, 757, 763, 767, 770, 773, 774, 789, 792, 793, 797, 798, 516, 833, 836, 864, 809, 892, 919, 333, 934, 937, 917, 372, 974, 991, 992, 991, 992, 1017, 1018, 1019, 1081, 104, 1129, 1154, 1157, representing five shares each, amounting to 685 shares, be restored to the holders thereof, upon payment of the call or calls now due thereon, and a fine of 18, per share : and that the forfeiture of the scrip numbered 1, 21, 28, 68, 89, 111, 112, 146, 151, 152, 153, 154, 306, 367, 384, 385, 452, 472, 473, 502, 509, 529, 500, 609, 610, 629, 630, 631, 632, 633, 663, 790, 809, 892, 822, 825, 863, 871, 872, 873, 874, 875, 915, 950, 966, 984, 998, 1024, 1027, 1031, 1012, 1036, 1037, 1038, 1039, 1041, 1042, 1043, 1045, 1046, 1048, 1049, 1051, 1053, 1074, 1075, 1076, 1089, 1091, 1093, 1098, 1101, 1109, 1114, 1123, 1148, 1165, 1169, 1170, 1171, 1172, 1178, 1181, 1182, 1187, 1199, 1191, 1196, 1199, 1200, cepresenting five shares each, amounting to 455 shares, be confirmed.

HIRAM WILLIAMS, Sec. 61, Morgate-street, London, Sept. 13, 1855.

INARES LEAD MINING COMPANY.—Notice is hereby given that, in conformity with the Deed of Settlement, the HALF-YEARLY GENE RAL MEETING of the shareholders in this company will be HELD at the London Tavern, Bishopsgate-street, on Wednesday, the 20th inst., at One o'clock F.M., to receive the accounts, balance-sheet, and reports of directors and auditors, and for the general purposes, as authorised by the Deed of Settlement.

At a MEETING of Directors, held this day, it was resolved:—That a DIVIDEND of TEN SHILLINGS per share be declared on the paid-up shares of the company, PAYABLE on Friday, the 26th day of October next; and that the Transfer-books be closed for such dividend on the 17th, and re-opened on the 26th October.

3. Queen-street-place, Upper Thames-street, Sept. 20, 1855.

USITANIAN MINING COMPANY.—Notice is hereby given, that at a Board of Directors of this company, held on the 19th inst., a DIVIDEND of TWO SHILLINGS AND SIXYENCE per share was declared, PAYABLE on and after the 16th October next. The Transfer-books will be closed from Monday next, the 24th inst., up to the 10th October. By order of the Board, GEO. H. STANIFORTH, Sec. 5, Queen-street-place, Upper Thames-street, London, Sept. 29, 1855.

BERNHOF MINING COMPANY.—On Monday, the 8th October next, a GENERAL MEETING of the shareholders of this company will be HELD at its offices at Obernhof, in conformity with the Statutes, for special and important business. To give a right to rote, shares must be deposited on receipt, either at Obernhof, or at the office, 50, Threadneedle-street, at least eight days befole the meeting.—Obernhof, Sept. 15, 1855.

JOHN BROWNE, Gerald

THE BRITISH SLAG COMPANY.—
It is the intention of the Directors to bring this company under the OPERA
TION of the PROVISIONS of the "LIMITED LIABILITY ACT" as soon an practicable.—3, Cannon-street, City.

THE BRITISH SLAG COMPANY
NO FURTHER APPLICATIONS FOR SHARES in this company will
RECEIVED after TUESDAY NEXT, the 25th inst.
3, Cannon-street, London, Sept. 29, 1855. CHARLES F. CAMERON, See

A S T I N D I A N I R O N C O M P A N Y.

(Incorporated by Boyal Charter.)

THIRD CALL.—Notice is hereby given, that, in pursuance of a resolution of the Court of Directors, the proprietors of Class A, or preference shares, in the Easl Indian Iron Company are required to PAY a CALL. of ONE POUND per share on each of their respective shares, on or before the 15th day of October next, at the banking house of Messrs. Sm.th. Payne, and Smiths, I, Dembard-street, in the City of London. Notice is hereby further given, that interest at the rate of £5 per cent. per annum will be charged upon culls remaining unpaid after the day above mentioned; and that if default is m. de in payment of this cell for one calendar month after the 15th day of October next, the shares in respect of which default is made will become liable to forfeiture, under the company's Deed of Settlement.

8, Austinfriars, London, Sept. 18, 1855. By order, G. E. COOPER, Sec.

THE EAST INDIA COAL COMPANY,—"LIMITED."
Provisionally Registered under the new Limited Liability Act of 1855.
Capital £150,000, in 15,000 shares of £10 cach.
A deposit of 5s, per share upon allotment.
The first call of £2 per share to be made one month after the Deed of the Campany is ready for signature, of which due notice will be given, and the remaining sails to be made from time to time as the money may be required.

PROVISIONAL DIRECTORS.
Capt. L. V. VERNON, R.E., M.P., Ardington House, Wantage, Berks.
Sir H. T. MADDOCK, M.P. (late govenor of Bengal), 180, South Audley-street.
GREGOR GRANT, Esq., Bombay Civil Service (late Chairman of the Oriental Bank), MASS HELDER.

Oriental Club.

JAMES HUME, Esq., of Calcutta, Reform Club, Pail Mall.

CROSCE SMEED, Esq., Gore-court, near Sittingbourne, E

GEORGE SMEED, Esq., Gore-court, near Sittinghourne, Kent. A. I. V. de MAGALHAENS, Esq., 75, Mark-lanc. WM. P. HAYMEN, Esq., Rochester, Kent. GEORGE BURGE, Esq., 1, Lansdowne-place, Brunswick-square. E. W. MORRIS, Esq., Monument-yard, London-bridge.

E. W. MORRIS, Esq., Monument-yard, London-bridge.

John Noble, Esq., of the firm of Messrs, Noble and Co., Broad-street-buildings;

M. C. Read, Esq., of the firm of Messrs, Mackay and Read, 9, New Broad-street.

BANKERS—Messrs, Glyn, Mills, and Company.

SECRETARY—HIVE HAYMEN, Esq., 4, Faper buildings, Temple.

SOLICITOS—Richard Prall, Esq., 19, Essex-street, Strand.

BROKER—Bailet Cattello, Esq., 4, Cushino-court, Old Broad-street.

OFFICES,—133 and 133, GRESHAM HOUSE, OLD BROAD STREET.

The companying analysis of the police of carrying cough in the value of the

This company is established with the object of working coals in the valley of the Damoodah, in Bengul, and of supplying the great and rapidly-increasing demand in India for that article.

Application for shares, in the following form, will be received by the secretary and the secretary of the semantic.

Application for shares, in the brokers of the company

To the Directors of the East India Coal Company,-" Limited."

To the Differents of the Fast India Coal Company,
GENTLEMEN,—I request you will allot me shares in the East India Coal
ompany upon the terms of your prospectus, and I sgree to accept the same, or such
esser number as may by allotted to me, and to pay the deposit thereon at the time
deplace mentioned in the letter of allotment, and that such deposit may be expended
a defraying the preliminary expenses.

Name
Reference
Address and occupation
Date
Number of shares
[For Prospectus, see Mining Journal of September 5.] lesser numeral and place mentioned in the letter of mand place mentioned in defraying the preliminary expenses.

EAST INDIA COAL COMPANY.—In consequence of the numerous applications for shares, NONE will be RECEIVED after the 29th ins Sept. 19, 1855.

SALE OF MINING MATERIALS AT THE NORTH BRITAIN BURRA BURRA MINE, NEAR GATEHOUSE-OF-FLEET, KIRKCUDBRIGHTSHIRE.

MINE, NEAR GATEHOUSE-OF-FLEET, KIRKCUDBRIGHTSHIRE.

N. W. GORDON, Auctioneor, Gatchouse-of-Fleet, begs to intimate that he has received instructions to SELL, BY PUBLIC AUCTION, on the MINE, on Thurshy, the 4th day of October next, the following MINING MATE-RIALS: The Control of the MINE, on Thurshy, the 4th day of October next, the following MINING MATE-RIALS: "Lett, A WATER-WHEEL, 33 R. diameter, and 4 ft. wide, with cast-iron segments and axle, and Momel arms and buckets, with bushes, pedestals, brasses, &c., complete; 3 lifts of cast-iron pumps, about 11 fms, each, and 7, 9, and 10 inch bore, with working-barrels, doorpieces, windbores, seatings, pumping-rods and valves, complete; about 70 fms, of 10 in. capstan-rope, 70 fms, of whim-rope, and 100 fms, of tackle-rope; 24 malleable iron blocks; bar iron; a quantity of Memel, American pine, and larch timber. The whole of the above are new and in good order, never having been used; togesther with the whole washing apparatus, mining and smiths' tools, and a variety of miscellaneous articles commonly used in mining.

Sale to commence at Eleven o'clock forenoon.

Gatehouse-of-Freet, Sept. 11, 1855.

WHEAL GOLDEN CONSOLS MINE MATERIALS.

WHEAL GOLDEN CONSOLS MINE MATERIALS, &c. SECOND AND FINAL SALE.

SECOND AND FINAL SALE.

NR. JOHN BURGESS, Auctioneer, Burncoose, Redruth, WILL SELL, BY AUCTION, on Thursday, the 27th day of September, 1855, at Eleven o'clock in the forencon, the following MINE MATERIALS, &c.:—
One 50 in. PUMPING ENGINE, 8 ft. shaft, 9 ft. eylinder, with three boilers; 1 l6 in. whim engine, with orusher and raft wheel, complete, and two boilers; 150 fms. 9 in. excellent capstan-rope; 2 capstans; 1 falance-bob, complete; 12 ft. in. pumps, with working windbore, and clack door; 1 ft. 7 in. pump; 1 ft. 7 in. windbore; a quantity of cast-iron shaft rolls; large iron crane; wrought and cast-iron; whim chain; large beam, scales, and weights; 1 56 lbs. brass standard ditto; ladders; launders; timber and plank of various sizes; wheel and hand barrows; burrs and boits; sheds; hutches; ites, with sundry other articles; one mare, 15 hands high; set of cart harness; account-house furniture; timepiece, &c.; 300 fms. 4 in. fron pumps; a 20 ft. water-wheel, 3 ft. breast; 2 plungers; ladvans, and mundles.

For further particulars, apply to Mr. Webb, on the mine; or to the auctioneer, Burncoose, Redruth.—Dated Sept. 12, 1855.

FOREST OF DEAN, GLOUCESTERSHIRE. TO CAPITALISTS, COAL AND IRONMASTERS, AND PERSONS FORMING COMPANIES WITH LIMITED RESPONSIBILITY.

A COLLIERY FOR SALE, containing about 140 acres of unwrought COALS, contiguous to railways communicating with Hereford, Gloucester, Cheltenham, and the Metropolis.

R. JOHN COOKE WILL SELL, BY AUCTION, at the King's Head Inn, Gloucester, on Saturday, the 29th day of September instant, at two for three o'clock precisely, subject to conditions of sale, which will be produced, and which may be seen in the interim at the solicitors' offices, in Cheltenham.

All that superior GALE or COAL FIELD, known as the EAST SLADE AND NEWHAM BOTTOM COLLIERY, situate in the township of West Dean, near Ruardean, minutely described in the award of the Forest of Dean Commissioners under the title of "The East Shade Colliery."

The extent of the mineral field galed to this colliery is shown on the map of the Forest of Dean, at the Gavelier's Office, Coleford. The part unworked is believed to comprise as area of about 140 acres. The gale extends to the Hill Delf vein, which vein varies in thickness from 5 to 6 feet, and yields about one ton and a half of superior coal in every square yard.

Four pits or shafts are sunk to the coal.

There is some machinery, which will be sold with the colliery.

The former owners, after spending many thousand pounds in pits or shafts, buildings, machinery, &c., discontinued these works, from lack of means to carry them on. The shafts and buildings, however, were judiciously placed, and can be made available to the exhaustion of the coal field.

The well-known increasing demand for Forest coal, with the diminished supply, and the proximity of the East Slade Colliery to the Gloucester and Hereford, and South Wales Railways, render it of great and increasing vulue. A legitimate opportunity is afforded for the establishment of a company with limited responsibility to purchase and work this colliery.

The trap of the colliery, and the original gale thereof, from the officers of the Crown to a Free Miner in fee; also, register of the transfer from such miner to a purchaser, and from him to the present vend

TAMAR SILVER-LEAD MINES, BEERFERRIS, DEVON.
VALUABLE MATERIALS AT THE NORTH MINE FOR SALE.

MESSRS. DAVIS, SON, AND VOSPER WILL SELL,
BY
AUCTION, on Tuesday, the 2d day of October, 1855, at Eleven o'clock in the
forenoon, the following SPARE MATERIALS and MACHINERY, now lying at the
NORTH MINE, in Beerferris, comprising—

7 9 ft. 17 in. pumps. 1 9 ft. 17 in. matching. 4 9 ft. 12 in. pumps. 1 6 ft. 12 in. pump. 1 3 ft. 12 in. pump.

111 in. H-piece, with door,
10½ fms. 7 in. rod.
63½ fms. 11 in. rod.
5½ fms. 9 in. rod.
16 pair hammered iron strapping-plates,
6 in. wide,
9 rair & in. ditto ditto 11 in. pumps.
11 in. pumps.
11 in. pump.
10 in. pump.
10 in. matchings.

16 pair hammered iron strapping-plates,
6 in. wide,
2 pair ¾ in. ditto ditto
2 pair ¾ in. ditto ditto
An excellent capstan.
150 fms. 10 in. capstan-rope.
14 rod pulleys, with stands, poppet-heads,
and shieves.
A large quantity of ¾ chain.
Staples and glands, with boits and burs.
A quantity of smiths' tools, smiths' anvil.
40 in. smiths' bellows.
Screw tups and plates.
Bucket castings, shaft doors.
A quantity of iron stave ladders.
I stamps' axie, for working 16 heads,
with connections, complete.
3 large cisterns.
Beam, scales, and weights.
Dressing sheds, grindstone and frame.
Also, a very superior 50 in. single acting
steam numning engine, 9 ft. stroke it

1 6 ft. 6 in. deorpiece and door.
2 6 ft. 11 in. deorpiece and door.
2 6 ft. 11 in. deorpiece and door.
1 6 ft. 8 in. deorpiece and door.
1 6 ft. 9 in. deorpiece and door.
1 9 ft. 9 in. deorpiece and door.
1 9 ft. 9 in. windbore.
2 6 ft. 10 in. windbore.
2 6 ft. 10 in. windbore.
1 10 ft. 18 in. planger-pole, with case, stuffing-box, &c.
1 10 ft. 18 in. ditto ditto
1 11 ft. 8 in. ditto ditto
2 11 in. H-pieces, with doors.
The auctioneers beg respectfully to in.

Dressing sheds, grindstone and frame.

Also, a very superior 50 in. single acting
steam pumping engine, 9 ft. stroke in
cylinder, and 8 in shaft, with a 10
tons boiler.

Also, an excellent 18 in. cylinder whim
engine, with fly-wheel and cage,
complete, and boiler 6 tons.

The auctioneers beg respectfully to invite a punctual attendance, as they purpose selling the whole in one day; and they also intimate that the above materials are most conveniently situated for transit, being within a few yards of a quay on the margin of the River Tamar, where vessels of large tonnage can load at every tide Refreshments will be provided.—Tavistock, Sept. 13, 1855.

Refreshments will be provided.—Tavistock, Sept. 13, 1855.

EW CUMNOCK IRONWORKS FOR SALE.—There will be EXPOSED FOR SALE. BY PUBLIC ROUP, within the Royal Exchange Sale Rooms, Glasgow, on Wednesday, the 3d day of October next, at Two o'clock afternoon, the extensive and valuable IRONWORKS in Ayrshire, known formerly as the NITHSDALE IRONWORKS, and afterwards as the NEW CUMNOCK IRONWORKS, situated within two miles of the New Cumnock Station of the Glasgow and South. Western Railway, with which they are connected by a branch line, and consisting of THRE BLAST FURNACES, recently erected upon the most improved principles; TWO BLOWING ENGINES, condensing and working expansively, with steam cylinders, 45 in. diameter, and blowing cylinders, 100 in. diameter, 9 ft. stroke, capable of blowing seven furnaces: with WORKSHOPS, COUNTING-HOUSE, DWELLING HOUSES for MANAGER and AGENTS, WORKMEN'S HOUSES, &c. The furnaces and all the buildings are erected on feued ground, of which the proprietors possess about 30 acres.

The LEASES of the MINERAL FIELDS connected with and infracdiately adjoining the works on a MINERAL FIELDS connected with and infracdiately adjoining the works are extensive, and contain CLAYBAND IRONSTONE, several SEAMS of WORKABLE COAL, superior FIRE CLAY, with a BRICK and TILE WORK, fitted with machinery of the best description; together with railways and transways intersecting these fields, railway plant, pit engines, and other fittings necessary for carrying on the works on a large scale.

There are six miles of railway extending from the furnaces to an extensive field of

intersecting these fields, railway plant, pit engines, and other fittings necessary for carrying on the works on a large scale.

\*\*

There are six miles of railway extending from the furnaces to an extensive field of blackband ironstone and coal, lying flat, near the surface, and otherwise well situated for being cheaply worked. The quality and thickness of the ironstone, which has been satisfactorily tested, are very similar to the blackband now used in the neighbouring ironworks at Daimellington. Three pits are sunk to the ironstone, and fitted with suitable engines, and all necessary machinery and utensits; and there are about 10,000 tons of ironstone, partly calcined and partly raw, which may be had at a valuation. There is no reason to doubt that arrangements might be made with the proprietors of this and other mineral fields leased by the present company for resuming operations on favourable terms to the lesses or purchasers of these works.

The works are favourably situated with regard to other coal and ironstone fields in the neighbourhood; and the Glasgow and South-Western Kaliway affords ready and cheap means of transit to the various shipping ports on the Frith of Clyde, as well as to Glasgow on the north, and England on the south.

These works present a ready opportunity to parties wishing to engage in the iron trade. If desired, a considerable portion of the purchase money may be allowed to remain on the works.

trade. If desired, a considerable portion of the particle Mackenzie, accounts on the works.

For further particulars, application may be made to Walter Mackenzie, account, 66, 8t. Vincent-street, Glasgow; Jas. Allan, writer, 20, Buchanan-street, Glagow; Hamilton Rose, writer, in Cumnock; or to James S. Fleshino, writer, Miller-street, Glasgow, the latter of whom holds the titles of the property. Glasgow, Aug. 24, 1855.

TOR SALE, a COLLIERY, producing good STEAM COAL, situate within five miles of a shipping place, with floating accommodulum. At this colliery a pair of shafts are sunk, and two seams of coal opened, one \$\frac{1}{2}\$ f.t., and the other 4\frac{1}{2}\$ ft. thick. A country sale is at present being carried on; and-the proprietor, being short of means to make about 800 yards of railway, and to obtain additional power for raising the coal, as well as materials for carrying on an extensive trade, is desirous of selling, or of meeting with a party who would assist him. This would suit any person who could himself, or by a company, command about £5000.—Apply, in the first place, to Mr. William Rossen, mineral surveyor, Lianelly, South Wales.

YOAL FIELD IN MID-LOTHIAN.—TO LET, for such number of years as may be agreed on, the COAL FIELD OF INVERESK, seven miles from Edinburgh, containing a large extent of the great scan extending under the farms of Wallyford, Mason's Mains, Barbachlaw, and Crookston, If Rubik in the bores, and of first-rate quality.

Access to Edinburgh and the neighbouring shipping ports is most convenient by the North British Railway, which intersects the field. The use of machinery capable of commanding the water will be given by the proprietor.—All other particulars will be afforded by John Grodes, Esq., mining engineer, Edinburgh.

Edinburgh, Sept. 21, 1855. COAL FIELD IN MID-LOTHIAN.—TO LET, for such number of

VALUABLE FREEHOLD PROPERTY IN SALFORD. TO ENGINEERS, IRONFOUNDERS, MACHINE MAKERS, AND OTHERS.

MR. WHEATLEY KIRK is instructed to SELL, BY AUCTION on Tuesday, the 25th September, 1855, at Six o'clock in the evening of the state of R. WHEATLEY KIRK is instructed to SELL, BY AUCTION, on Tuesday, the 25th September, 1855, at Six o'clock in the evening, at the house of Mr. Astley, the King's Head Inn, near Trinity Church, Salford, all these valuable PREEHOLD PREMISES, known as the NOAH'S ARK IRONWORKS. Clowes-street, Salford, consisting of 497% square pards of land, upon which is creeia all those substantial brick-built premises, or workshops, forming the above-annel works. The buildings are three stories high. There is a well of capital spring water, as well as water from the river. The whole is subject to an annual chief real of 281. N.B. There is a 12-horae PORTABLE CONDENSING BEAM ENGINE, and nearly new 18-horse bolier, together with main shafting, steam pipes, &c., which will be SOLD, BY AUCTION, the following day, so that any parties buying the above property will have an opportunity of purchasing the said engine, &c., at the said sale, if they think proper.—Full particulars may be had on application to the auctioner, at his offices, Cross-street Chambers, Manchester.

TO MANUFACTURERS, CONTRACTORS, MACHINE MAKERS, AND OTHERS. VALUABLE 12-horse CONDENSING BEAM ENGINE, 18-horse BOLLER, SHAFTING, MILL GEARING, STEAM PIPES, &c.

M. R. WHEATLEY KIRK is instructed to SELL, BY AUCTION, without reserve, on Wednesday, the 26th September, 1855, commencing at Eleven o'olock a.m., on the premises known as the Noah's Ark Ironworks, Clowestreet, Salford, 12-horse POBLABLE CONDENSING BEAM ENGINE, Elbarre boiler, nearly new, with mountings, &c.; all the valuable main shafting and gearing, wheels, pulleys, wall boxes, pedestals, and brass steps, together with all the steam pipes, &c.—For further particulars, apply to the auctioneer, Cross-street Chambers, Manchester.

HIGHLY-FINISHED FIRST CLASS, EXTRA STRONG, SLIDING and SURFACING LATHE, with 14 in. centre headstocks, with compound slide rest, bed 20 ft. long, and top driving apparatus, complete (1883); also, a
WHEEL CUTTING ENGINE, to cut wheels from the smallest dimensions to 5 or
6 ft. diameter—a splendid tool, by Buckton, Leeds (1863).—Apply to Whexture
Kirk, engineer and auctioneer, Cross-street Chambers, Manchester, and Bonded
Wharf, Salford, where all kinds of engineers' tools are constantly on stock, steamcraines, &c.

SPLENDID 16 in. centre SLIDING, SURFACING, and SCREW.
CUTTING LATHE, on extra strong cast metal bed, 20 ft. long, complete, with
top driving apparatus (1929).—WHEATLEY KIRK, Cross-street, Manchester.

On Sale, one six-bowl Lever Calender, consisting of iron framing, brass limings and steps, screws, and screw boxes, compound levers, &c. Three paper and three iron bowls, and it good condition.

William Research Chambers, Manchester.

TORS, SHIPBUILDERS, MANUFACTURERS, CONTRACTORS, SHIPBUILDERS, MACHINE and BOILER MAKERS, and OTHERS, WHEATLEY KIRK respectfully calls the attention of the above-named parties, and of purchasers of TOOLS and ENGINES generally, to his large STOCK of 1M-PROVED HORIZONTAL STEAM-ENGINES, suitable either for colliery or for nanufacturing purposes, and which give universal satisfaction. Orders executed for new tools or steam-engines of every description with the utmost dispatch. Cross-street Chambers, Manchester, and Bonded Wharf, Salford.

TO SHIPBUILDERS, ENGINEERS, CONTRACTORS, MACHINE MAKERS, BOILER MAKERS, AND OTHERS.—WHEATLEY KIRK respectfully calls attention to his extensive STOCK now ON HAND, and in progress, of NEW and SECOND-HAND ENGINEERING TOOLS, by the most eminest makers. The stock includes PLANING MACHINES of various sizes: LATHES, is single and double gearch band inthes; also, SCREW-CUTTHING, SLIDE, and other LATHES, on beds from 6 to 20 ft. long; also, DOUBLE WHEEL and BORING LATHES, DRILLING, BORING, SHAPING, and SLOTTING MACHINES, SLIDE RESTS, SCREWING TACKLE, &c. Cross-street Chambers, Manchester, and Bonded Wharf, Salford.

PO ENGINEERS, BOILER MAKERS, &c.—A very strong
PUNCHING and SHEARING MACHINE FOR SALE, will punch and cut
3 tin. plate. Also, a very superior SELF-ACTING SLIDE LATHE, bed 16 ft. long,
with break, centres 10 in. high, with face plates and top motion, &c., all complete.
Also, 10 in. centre SLIDE REST, to slide 20 in. long, &c.—For particulars, apply to
J. Goodworth, Albert Foundry, Neville-street, Leeds.

TO COAL OR MINERAL OWNERS AND DEALERS.—
The BIRMINGHAM WAGON COMPANY is open to receive APPLICATIONS
of the LETTING OF WAGONS ON HIRE.

B. SMITH, Secretary and General Manager. Offices, 101, New-street, Birmingham.

PRESSURE STEAM-ENGINE, 18 in. cylinder, 4 ft. stroke, with 36 in. blast cylinder, suitable for blowing refineries; also, a 55 cwt. DRAWING-OUT HAMMER, the whole fitted complete, ready for work. A TYRE BENDING MACHINE, for railway tyres.—For further particulars, address Messrs, Tuomas Perra and Soss, Highfields Foundry, Bilston.

TEAM-ENGINE FOR SALE.—TO BE DISPOSED OF, BY PRIVATE CONTRACT, a very good 40 in. cylinder ENGINE, of 9 ft. stroke, with a 10 tons boiler, together with all the wood work of the engine-house, and first piece of rod, complete. The said engine is at Wheal Constance, near East Wheal Rose, Truro.—Apply to Capt. Puckey, St. Blazey.

Rose, Truro.—Apply to Capt. Puckey, St. Blazey.

MINES AND MANUFACTURES IN NORWAY.—
The extensive and important PROPERTY known as the MODUM BLUE sequence of the death of the late proprietor, and by order of his executors, be again OFFERED FOR SALE, BY PUBLIC AUCTION, at the office of Sorenseriver Hassen, in Drammen, on the 6th day of October, 1855, at Four o'clock v.M. The proprietor, and by order o'clock v.M. The proprietor, and observed the control of the death of the late production of the death of the late proprietor, and by order o'clock v.M. The proprietor, sarable land and forest, saw mills, corn mills, valuable river privileges, and vater-power to an almost unlimited extent, with unrivalled natural facilities for its application. The stock of ores and produce, with the plant and materials in hand, will be sold with the works. The richness and purity of the cobait ores from the Skuterad Mines are well known. The voins appear to be inexhaustible, and are at present much more productive in depth than they were on the back. The stamping and drassing apparatus is driven by nine water-wheels, and is capable of preparing tofact 33,000 of ore per annum. A tonde measures 83 cubic feet. There are nine calcining and two blast furnaces, two gahr hearths, with a powerful cylinder blowing maching, an oxide factory, fitted up with steam boiler, two smalt furnaces, 10 smalt mills, arsenic refinery, muriatic acid factory, &c. There are a considerable number of dwelling houses for the managers and workmen, schools, workshops, warehouse, and everything necessary for the earrying on of the work. The buildings and contents are insursed for sp. 149,110, or about £33,000. Of the 2s water-wheels on the estate, 24 are propelled by the Simsa River, at Hangfos Waterfall, while is full 180, high, and is the site of the metallurgical and principal stamping operations. There are three corn mills, with 10 pairs of stones, and two saw mills, and a charter for full and charconi can be got in any quantities, and at moderate rate. The mi

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